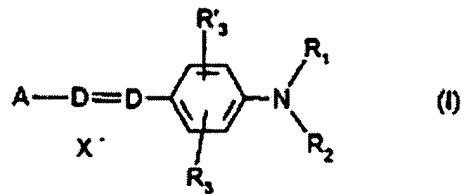


APPENDIX

CLAIM AMENDMENTS

1. (Amended Three Times) A ready-to-use composition for dyeing keratin fibers, comprising:
 - (i) at least one cationic direct dye chosen from compounds of formulae (I), (II), (III) and (III') below, and
 - (ii) at least one thickening polymer;

(a) wherein said compounds of formula (I) are chosen from compounds of formula:



in which:

D is chosen from a nitrogen atom and a -CH group,

R₁ and R₂, which may be identical or different, are chosen from a hydrogen atom; a 4'-aminophenyl radical; and C₁-C₄ alkyl radicals which can optionally be substituted with a radical chosen from -CN, -OH and -NH₂ radicals;

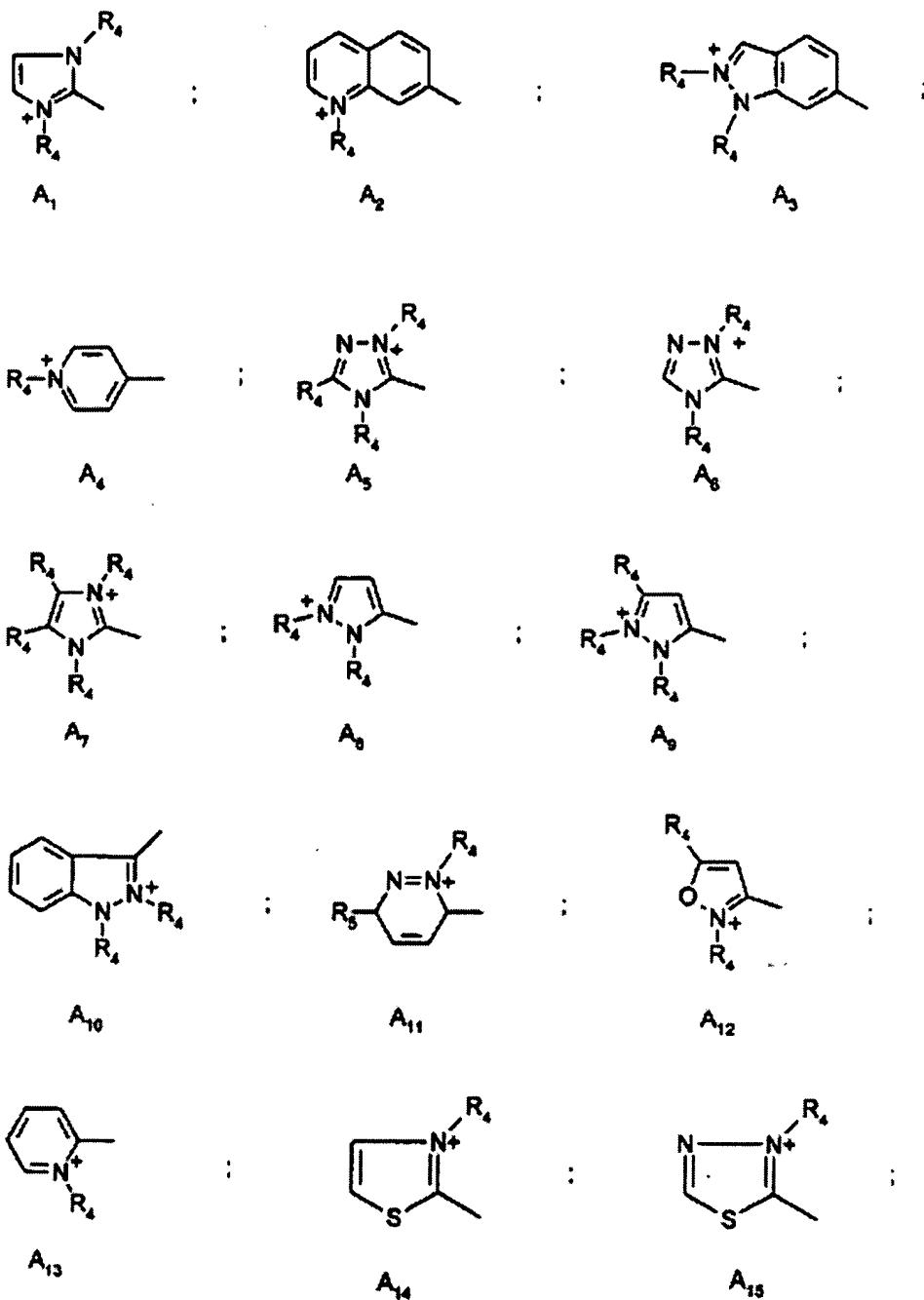
or

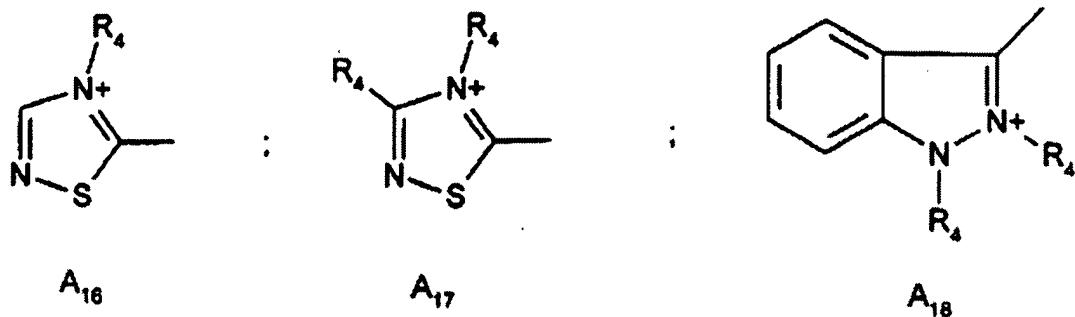
R₁ and R₂ may form, with each other or with a carbon atom of the benzene ring of formula (I), a heterocycle optionally containing a heteroatom chosen from oxygen and nitrogen, which can be substituted with at least one radical chosen from C₁-C₄ alkyl radicals;

R_3 and R'_3 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, a cyano radical, C_1 - C_4 alkyl radicals, C_1 - C_4 alkoxy radicals and acyloxy radicals,

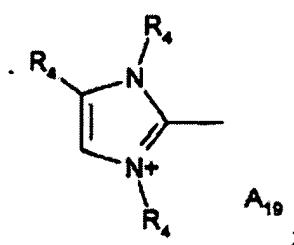
X^- is chosen from anions,

A is chosen from structures A_1 to A_{19} below:





and



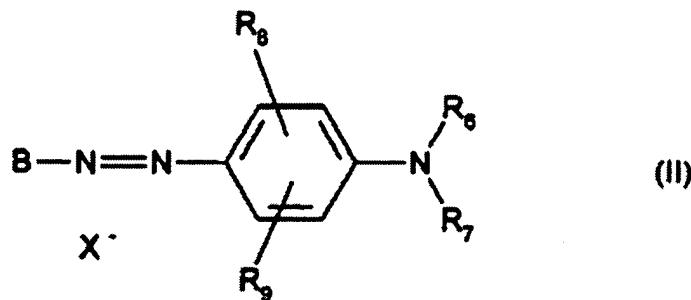
in which:

R₄ is chosen from C₁-C₄ alkyl radicals which can be substituted with a hydroxyl radical, and

R₅ is chosen from C₁-C₄ alkoxy radicals, and

wherein when D represents -CH, when A represents A₄ or A₁₃ and when R₃ is not an alkoxy radical, R₁ and R₂ are not both a hydrogen atom;

(b) wherein said compounds of formula (II) are chosen from compounds of formula:



in which:

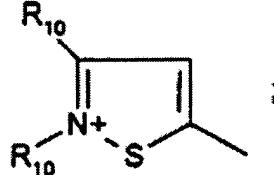
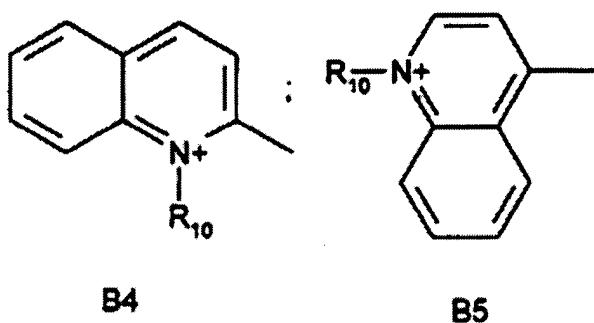
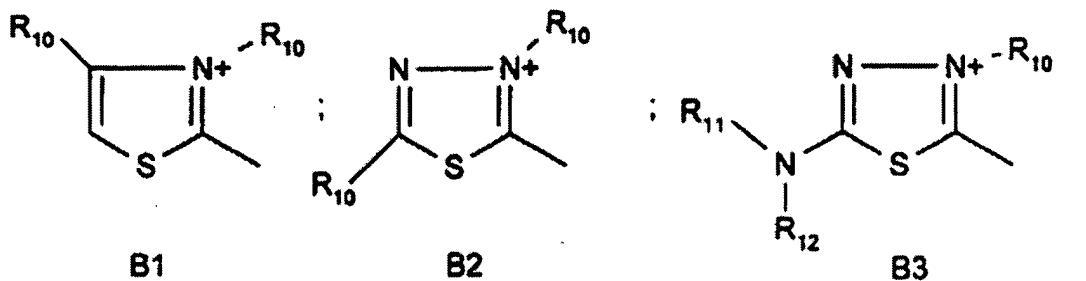
R_6 is chosen from a hydrogen atom and C_1 - C_4 alkyl radicals,

R_7 is chosen from a hydrogen atom, alkyl radicals which can be substituted with a species chosen from a -CN radical and an amino group, and a 4'-aminophenyl radical, or forms, with R_6 , a heterocycle optionally comprising at least one heteroatom chosen from oxygen and nitrogen, which can be substituted with C_1 - C_4 alkyl radicals,

R_8 and R_9 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, C_1 - C_4 alkyl radicals, C_1 - C_4 alkoxy radicals and a -CN radical,

X^- is chosen from anions,

B is chosen from structures B_1 to B_6 below:



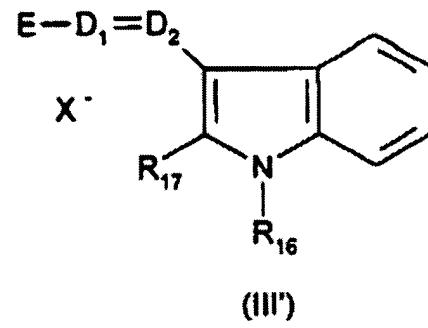
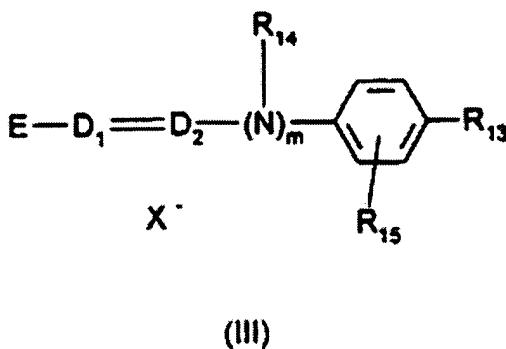
B6

in which:

R₁₀ is chosen from C₁-C₄ alkyl radicals, and

R₁₁ and R₁₂, which may be identical or different, are chosen from a hydrogen atom and C₁-C₄ alkyl radicals;

(c) wherein said compounds of formulae (III) and (III') are chosen from compounds of formulae:



in which:

R_{13} is chosen from a hydrogen atom, C_1 - C_4 alkoxy radicals, halogen atoms and an amino radical,

R_{14} is chosen from a hydrogen atom, C_1 - C_4 alkyl radicals or forms, with a carbon atom of the benzene ring, a heterocycle optionally containing an oxygen heteroatom and/or substituted with at least one radical chosen from C_1 - C_4 alkyl radicals,

R_{15} is chosen from a hydrogen atom and halogen atoms,

R_{16} and R_{17} , which may be identical or different, are chosen from a hydrogen atom and C_1 - C_4 alkyl radicals,

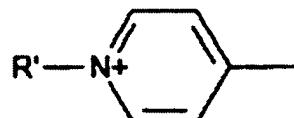
D_1 and D_2 , which may be identical or different, are chosen from a nitrogen atom and a -CH group,

m is 0 or 1,

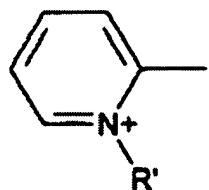
wherein when R_{13} is an unsubstituted amino group, D_1 and D_2 are both a -CH group and m is 0,

X^\cdot is chosen from anions,

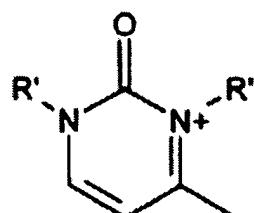
E is chosen from structures E₁ to E₈ below:



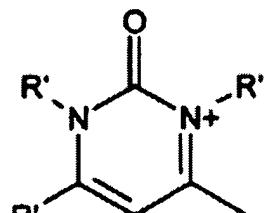
E1



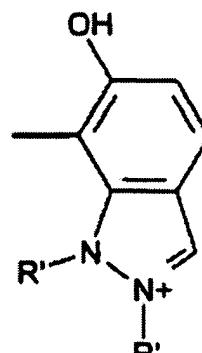
E2



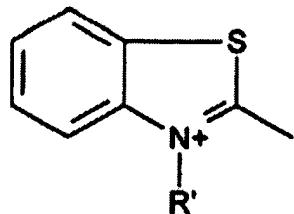
E3



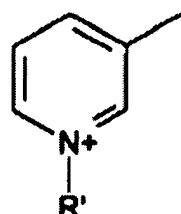
E4



E5

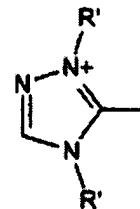


E6



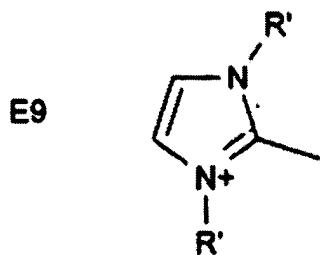
E7

and



E8

in which R' is chosen from C₁-C₄ alkyl radicals;
wherein when m is 0 and when D₁ represents a nitrogen atom, E can be
further chosen from structure E9 below:



in which R' is chosen from C₁-C₄ alkyl radicals;
and

(d) wherein said at least one thickening polymer is chosen from:

- (ii)₁ - nonionic quar gums;
- (ii)₂ - biopolysaccharide gums of microbial origin;
- (ii)₃ - gums derived from plant exudates;
- (ii)₄ - pectins;
- (ii)₅ - alginates;

(ii)₆ - starches; and

(ii)₇ - hydroxyalkylcelluloses and carboxyalkylcelluloses

[wherein said at least one thickening polymer is chosen from polymers comprising at least one sugar unit],

with the provisos that

(1) when said at least one cationic direct dye is chosen from compounds of formula (I) wherein:

- both D's are simultaneously nitrogen atoms,
- R₃ and R'₃ are simultaneously hydrogen atoms,
- R₁ and R₂ are simultaneously unsubstituted methyl radicals, and
- A is A₆ wherein R₄ is an unsubstituted methyl radical, or

(2) when said at least one cationic direct dye is chosen from compounds of formula (III) wherein:

- D₁ and D₂ are simultaneously nitrogen atoms,
- m is zero,
- R₁₅ is a hydrogen atom,
- R₁₃ is a dimethylamino radical, and
- E is E₈ wherein R' is an unsubstituted methyl group,

then the at least one thickening polymer is not chosen from at least one nonionic guar gum; and

with the further provisos that

(1) when said at least one cationic direct dye is chosen from compounds of formula (I) wherein:

- both D's are simultaneously nitrogen atoms, and
- A is chosen from A₄ and A₁₃, or

(2) when said at least one cationic direct dye is chosen from compounds of formula (III) wherein:

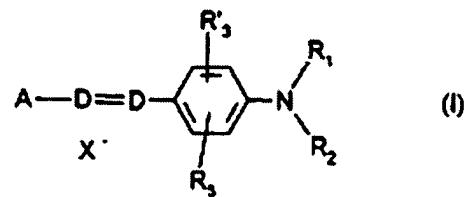
- D₁ and D₂ are simultaneously nitrogen atoms,
- m is zero, and
- E is chosen from E₁, E₂, and E₇,

then said at least one thickening polymer is not chosen from hydroxyalkylcelluloses and carboxyalkylcelluloses.

45. (Amended Three Times) A process for dyeing keratin fibers, comprising applying at least one dye composition to said keratin fibers and developing for a period of time sufficient to achieve a desired coloration, wherein said at least one dye composition comprises:

- (i) at least one cationic direct dye chosen from compounds of formulae (I), (II), (III) and (III') below, and
- (ii) at least one thickening polymer;

(a) wherein said compounds of formula (I) are chosen from compounds of formula:



in which:

D is chosen from a nitrogen atom and a $-CH$ group,

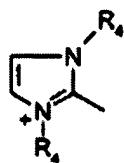
R_1 and R_2 , which may be identical or different, are chosen from a hydrogen atom; a 4'-aminophenyl radical; and C_1-C_4 alkyl radicals which can optionally be substituted with a radical chosen from $-CN$, $-OH$ and $-NH_2$ radicals; or

R_1 and R_2 form, with each other or with a carbon atom of the benzene ring of formula (I), a heterocycle optionally containing a heteroatom chosen from oxygen and nitrogen, which can be substituted with at least one radical chosen from C_1-C_4 alkyl radicals;

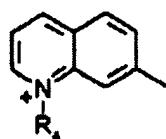
R_3 and R'_3 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, a cyano radical, C_1-C_4 alkyl radicals, C_1-C_4 alkoxy radicals and acetoxy radicals,

X^- is chosen from anions,

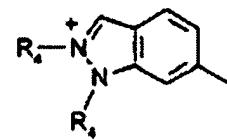
A is chosen from structures A_1 to A_{19} below:



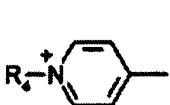
A₁



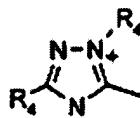
A₂



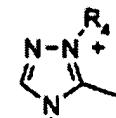
A₃



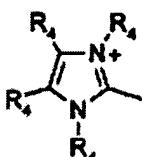
A₄



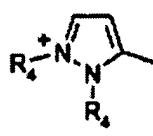
A₅



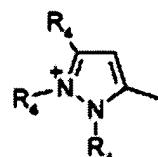
A₆



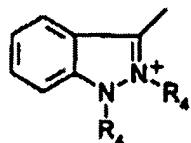
A₇



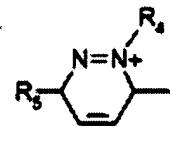
A₈



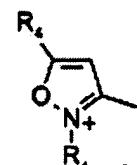
A₉



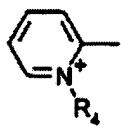
A₁₀



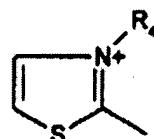
A₁₁



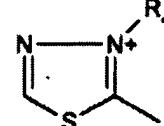
A₁₂



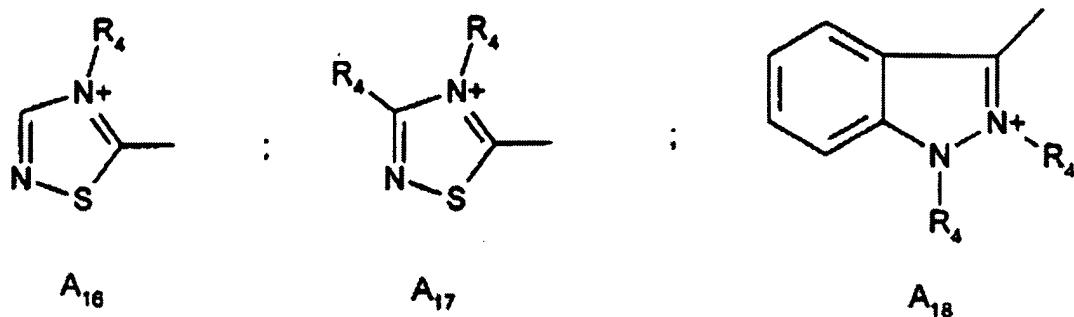
A₁₃



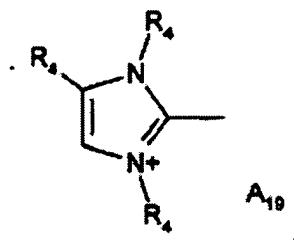
A₁₄



A₁₅



and



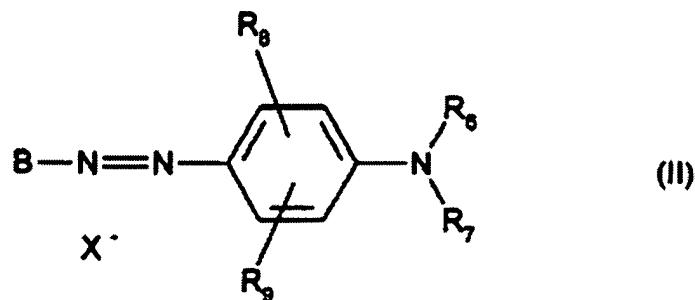
in which:

R₄ is chosen from C₁-C₄ alkyl radicals which can be substituted with a hydroxyl radical, and

R₅ is chosen from C₁-C₄ alkoxy radicals, and

wherein when D represents -CH, when A represents A₄ or A₁₃ and when R₃ is not an alkoxy radical, R₁ and R₂ are not both a hydrogen atom;

(b) wherein said compounds of formula (II) are chosen from compounds of formula:



in which:

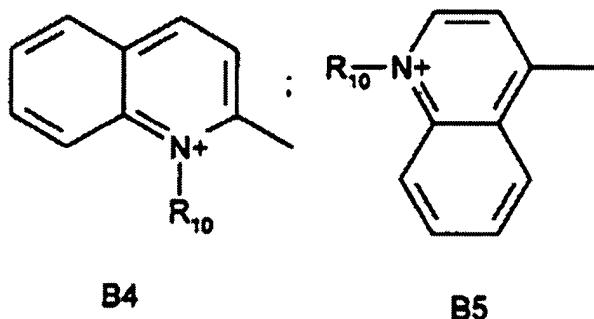
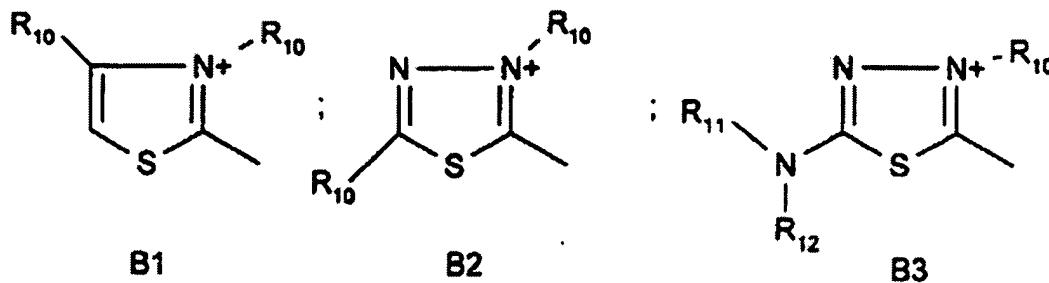
R_6 is chosen from a hydrogen atom and C_1 - C_4 alkyl radicals,

R_7 is chosen from a hydrogen atom, alkyl radicals which can be substituted with a species chosen from a -CN radical and an amino group, and a 4'-aminophenyl radical, or forms, with R_6 , a heterocycle optionally comprising at least one heteroatom chosen from oxygen and nitrogen, which can be substituted with C_1 - C_4 alkyl radicals,

R_8 and R_9 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, C_1 - C_4 alkyl radicals, C_1 - C_4 alkoxy radicals and a -CN radical,

X^- is chosen from anions,

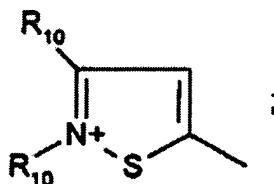
B is chosen from structures B_1 to B_6 below:



B4

B5

and



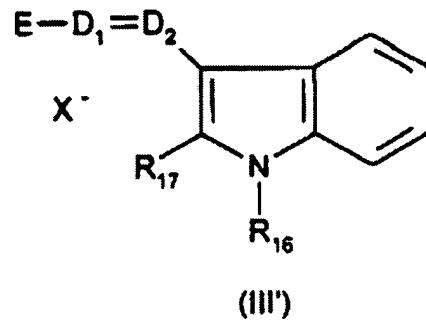
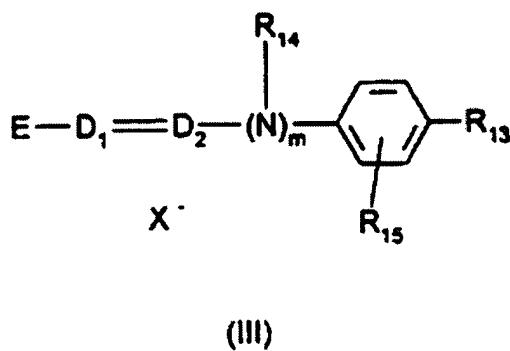
B6

in which:

R₁₀ is chosen from C₁-C₄ alkyl radicals, and

R₁₁ and R₁₂, which may be identical or different, are chosen from a hydrogen atom and C₁-C₄ alkyl radicals;

(c) wherein said compounds of formulae (III) and (III') are chosen from compounds of formulae:



in which:

R_{13} is chosen from a hydrogen atom, C_1 - C_4 alkoxy radicals, halogen atoms and an amino radical,

R_{14} is chosen from a hydrogen atom, C_1 - C_4 alkyl radicals or forms, with a carbon atom of the benzene ring, a heterocycle optionally containing an oxygen heteroatom and/or substituted with at least one to radical chosen from C_1 - C_4 alkyl radicals,

R_{15} is chosen from a hydrogen atom and halogen atoms,

R_{16} and R_{17} , which may be identical or different, are chosen from a hydrogen atom and C_1 - C_4 alkyl radicals,

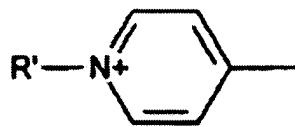
D_1 and D_2 , which may be identical or different, are chosen from a nitrogen atom and a -CH group,

m is 0 or 1,

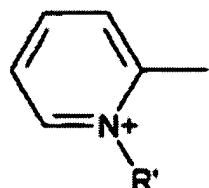
wherein when R_{13} is an unsubstituted amino group, D_1 and D_2 are both a -CH group and m is 0,

X^- is chosen from anions,

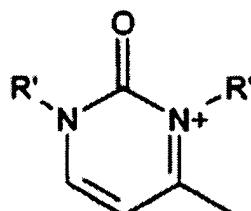
E is chosen from structures E₁ to E₈ below:



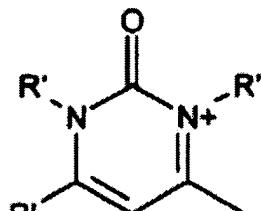
E1



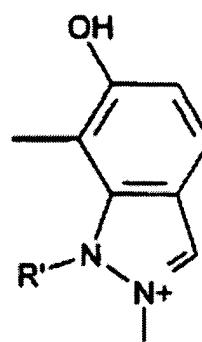
E2



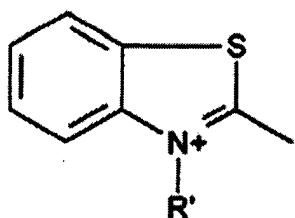
E3



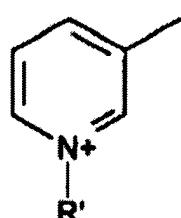
E4



E5

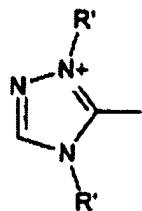


E6



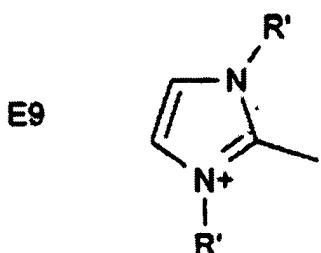
E7

and



E8

in which R' is chosen from C₁-C₄ alkyl radicals;
wherein when m is 0 and when D₁ represents a nitrogen atom, E can be
further chosen from structure E9 below:



E9

in which R' is chosen from C₁-C₄ alkyl radicals;
and

(d) wherein said at least one thickening polymer is chosen from:

(ii)₁ - nonionic guar gums;

(ii)₂ - biopolysaccharide gums of microbial origin;

(ii)₃ - gums derived from plant exudates;

(ii)₄ - pectins;

(ii)₅ - alginates;

(ii)₆ - starches; and

(ii)₇ - hydroxyalkylcelluloses and carboxyalkylcelluloses

[wherein said at least one thickening polymer is chosen from polymers comprising at least one sugar unit],

with the provisos that

(1) when said at least one cationic direct dye is chosen from compounds of formula (I) wherein:

- both D's are simultaneously nitrogen atoms,
- R_3 and R'_3 are simultaneously hydrogen atoms,
- R_1 and R_2 are simultaneously unsubstituted methyl radicals, and
- A is A_6 wherein R_4 is an unsubstituted methyl radical, or

(2) when said at least one cationic direct dye is chosen from compounds of formula (III) wherein:

- D_1 and D_2 are simultaneously nitrogen atoms,
- m is zero,
- R_{15} is a hydrogen atom,
- R_{13} is a dimethylamino radical, and
- E is E_8 wherein R' is an unsubstituted methyl group,

then the at least one thickening polymer is not chosen from at least one nonionic guar gum; and

with the further provisos that

(1) when said at least one cationic direct dye is chosen from compounds of formula (I) wherein:

- both D's are simultaneously nitrogen atoms, and
- A is chosen from A_4 and A_{13} , or

(2) when said at least one cationic direct dye is chosen from compounds of formula (III) wherein:

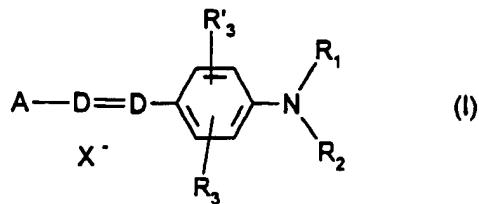
- D_1 and D_2 are simultaneously nitrogen atoms,
- m is zero, and
- E is chosen from E_1 , E_2 , and E_7 ,

then said at least one thickening polymer is not chosen from hydroxyalkylcelluloses and carboxyalkylcelluloses.

48. (Amended Twice) A process for dyeing keratin fibers, comprising separately storing a first composition, separately storing a second composition, thereafter mixing said first and second compositions, applying said mixture to said fibers, and developing for a period of time sufficient to achieve a desired coloration,

- wherein said first composition comprises at least one cationic direct dye chosen from compounds of formulae (I), (II), (III) and (III') below, at least one thickening polymer and at least one oxidation base,

(a) wherein said compounds of formula (I) are chosen from compounds of formula:



in which:

D is chosen from a nitrogen atom and a -CH group,

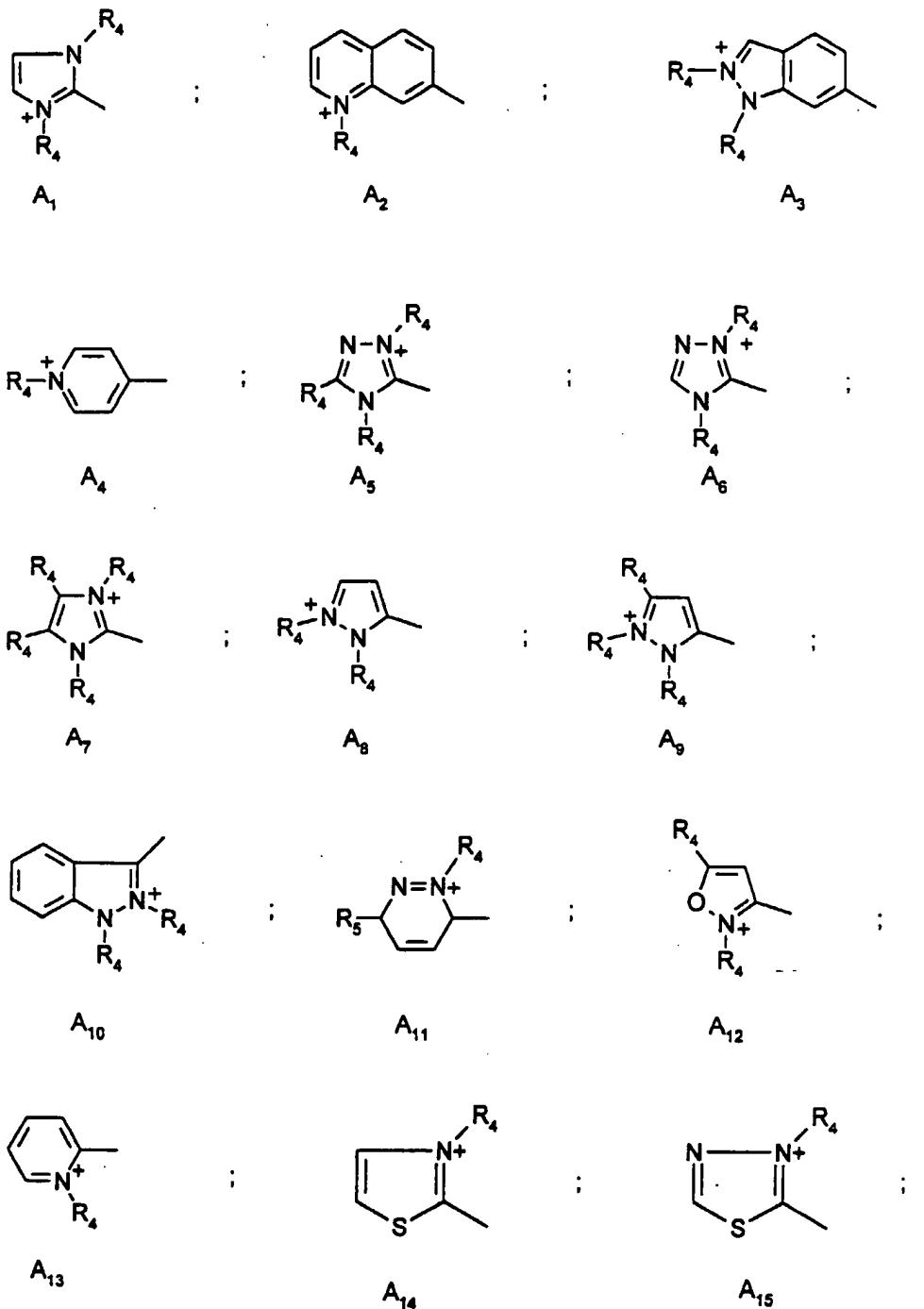
R₁ and R₂, which may be identical or different, are chosen from a hydrogen atom; a 4'-aminophenyl radical; and C₁-C₄ alkyl radicals which can optionally be substituted with a radical chosen from -CN, -OH and -NH₂ radicals; or

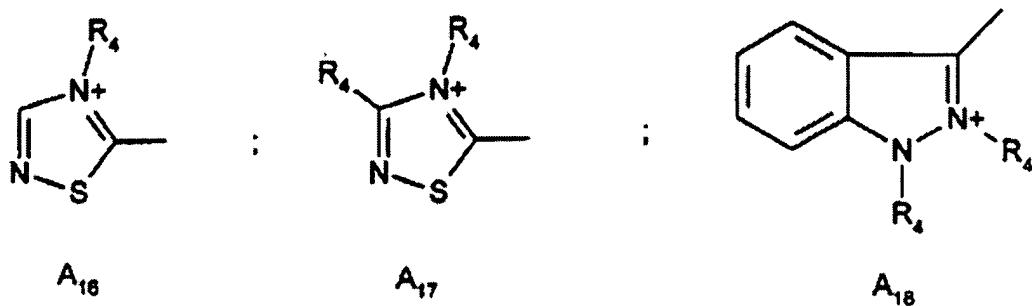
R₁ and R₂ form, with each other or with a carbon atom of the benzene ring of formula (I), a heterocycle optionally containing a heteroatom chosen from oxygen and nitrogen, which can be substituted with at least one radical chosen from C₁-C₄ alkyl radicals;

R₃ and R'₃, which may be identical or different, are chosen from a hydrogen atom, halogen atoms, a cyano radical, C₁-C₄ alkyl radicals, C₁-C₄ alkoxy radicals and acyloxy radicals,

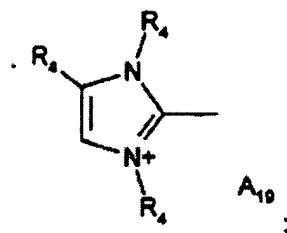
X⁻ is chosen from anions,

A is chosen from structures A₁ to A₁₉ below:





and



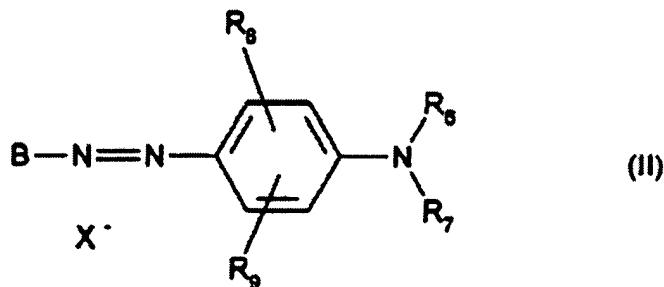
in which:

R₄ is chosen from C₁-C₄ alkyl radicals which can be substituted with a hydroxyl radical, and

R₅ is chosen from C₁-C₄ alkoxy radicals, and

wherein when D represents -CH, when A represents A₄ or A₁₃ and when R₃ is not an alkoxy radical, R₁ and R₂ are not both a hydrogen atom;

(b) wherein said compounds of formula (II) are chosen from compounds of formula:



in which:

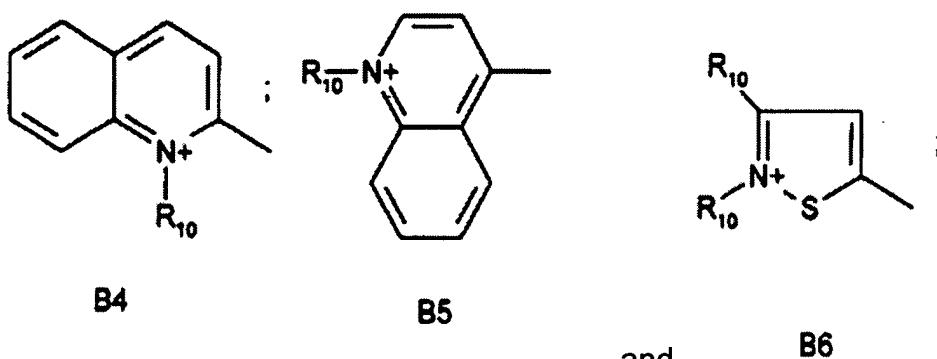
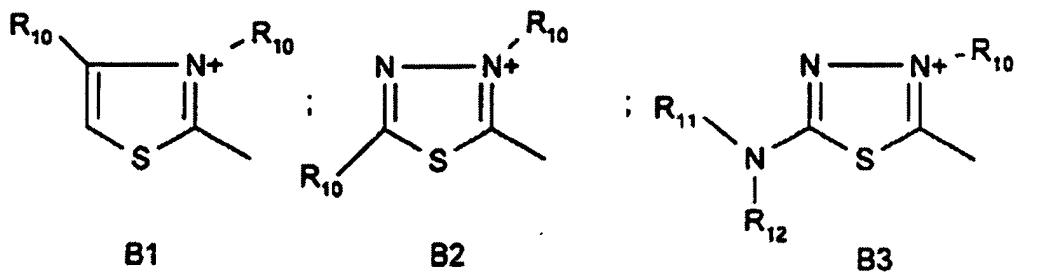
R_6 is chosen from a hydrogen atom and C_1 - C_4 alkyl radicals,

R_7 is chosen from a hydrogen atom, alkyl radicals which can be substituted with a species chosen from a -CN radical and an amino group, and a 4'-aminophenyl radical, or forms, with R_6 , a heterocycle optionally comprising at least one heteroatom chosen from oxygen and nitrogen, which can be substituted with C_1 - C_4 alkyl radicals,

R_8 and R_9 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, C_1 - C_4 alkyl radicals C_1 - C_4 alkoxy radicals and a -CN radical,

X^+ is chosen from anions,

B is chosen from structures B_1 to B_6 below:

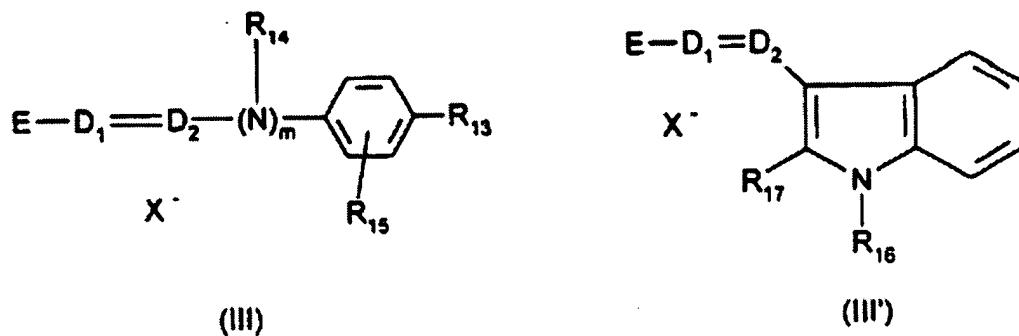


in which:

R₁₀ is chosen from C₁-C₄ alkyl radicals, and

R₁₁ and R₁₂, which may be identical or different, are chosen from a hydrogen atom and C₁-C₄ alkyl radicals;

(c) wherein said compounds of formulae (III) and (III') are chosen from compounds of formulae:



in which:

R_{13} is chosen from a hydrogen atom, C₁-C₄ alkoxy radicals, halogen atoms and an amino radical,

R_{14} is chosen from a hydrogen atom, C₁-C₄ alkyl radicals or forms, with a carbon atom of the benzene ring, a heterocycle optionally containing an oxygen heteroatom and/or substituted with at least one radical chosen from C₁-C₄ alkyl radicals,

R_{15} is chosen from a hydrogen atom and halogen atoms,

R_{16} and R_{17} , which may be identical or different, are chosen from a hydrogen atom and C₁-C₄ alkyl radicals,

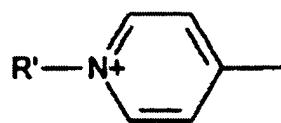
D_1 and D_2 , which may be identical or different, are chosen from a nitrogen atom and a -CH group,

m is 0 or 1,

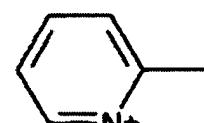
wherein when R_{13} is an unsubstituted amino group, D_1 and D_2 are both a -CH group and m is 0,

X^- is chosen from anions,

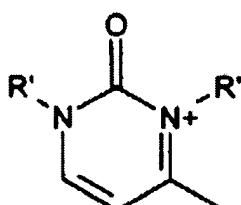
E is chosen from structures E_1 to E_8 below:



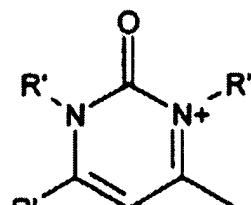
E1



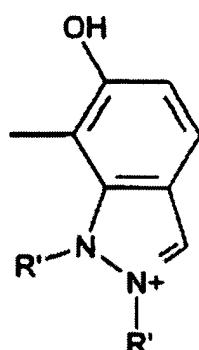
E2



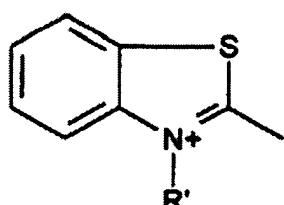
三



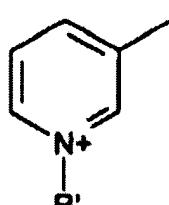
E4



E5

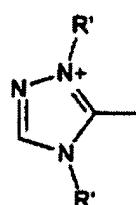


E6



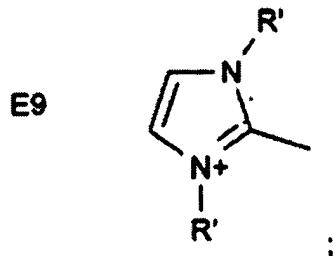
E7

and



E8

in which R' is chosen from C₁-C₄ alkyl radicals;
wherein when m is 0 and when D₁ represents a nitrogen atom, E can be
further chosen from structure E9 below:



in which R' is chosen from C₁-C₄ alkyl radicals;

- and wherein said at least one thickening polymer is chosen from:

(ii)₁ - nonionic guar gums;

(ii)₂ - biopolysaccharide gums of microbial origin;

(ii)₃ - gums derived from plant exudates;

(ii)₄ - pectins;

(ii)₅ - alginates;

(ii)₆ - starches; and

(ii)₇ - hydroxyalkylcelluloses and carboxyalkylcelluloses

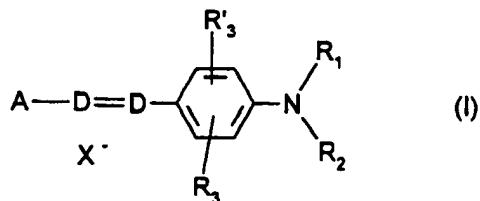
[wherein said at least one thickening polymer is chosen from polymers comprising at least one sugar unit]; and

- wherein said second composition comprises at least one oxidizing agent.

49. (Amended Twice) A process for dyeing keratin fibers, comprising separately storing a first composition,

separately storing a second composition,
thereafter mixing said first and second compositions,
applying said mixture to said fibers, and
developing for a period of time sufficient to achieve a desired coloration,
- wherein said first composition comprises at least one oxidation base, and
at least one cationic direct dye chosen from compounds of formulae (I), (II), (III)
and (III') below:

(a) wherein said compounds of formula (I) are chosen from compounds
of formula:



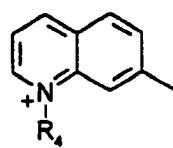
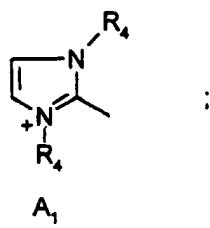
in which:

D is chosen from a nitrogen atom and a -CH group,
R₁ and R₂, which may be identical or different, are chosen from a
hydrogen atom; a 4'-aminophenyl radical; and C₁-C₄ alkyl radicals which can
optionally be substituted with a radical chosen from -CN, -OH and -NH₂ radicals;
or
R₁ and R₂ form, with each other or with a carbon atom of the benzene ring of
formula (I), a heterocycle optionally containing a heteroatom chosen from oxygen
and nitrogen, which can be substituted with at least one radical chosen from
C₁-C₄ alkyl radicals;

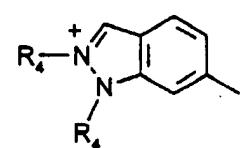
R_3 and R'_3 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, a cyano radical, C₁-C₄ alkyl radicals, C₁-C₄ alkoxy radicals and acyloxy radicals,

X^- is chosen from anions,

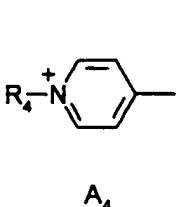
A is chosen from structures A₁ to A₁₉ below:



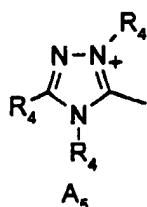
A₂



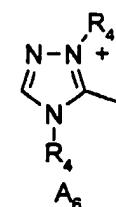
A₃



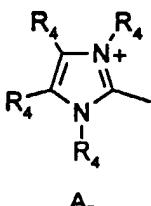
A₄



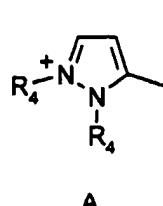
A₅



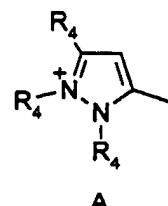
A₆



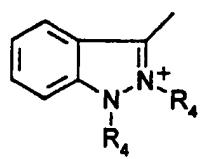
A₇



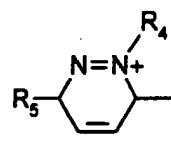
A₈



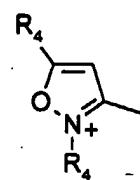
A₉



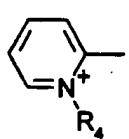
A₁₀



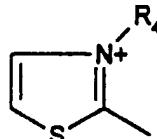
A₁₁



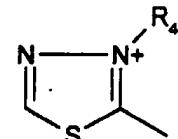
A₁₂



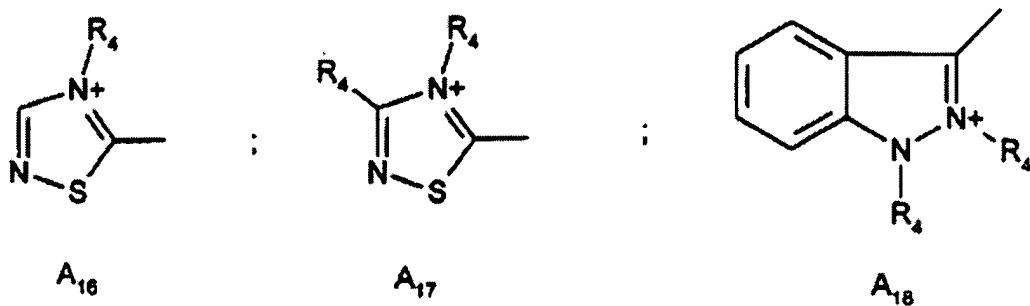
A₁₃



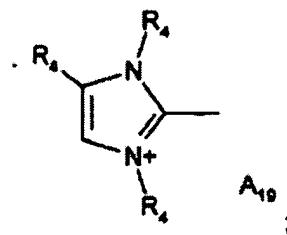
A₁₄



A₁₅



and



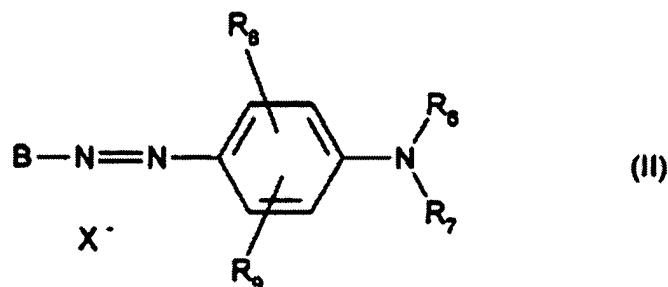
in which:

R₄ is chosen from C₁-C₄ alkyl radicals which can be substituted with a hydroxyl radical, and

R₅ is chosen from C₁-C₄ alkoxy radicals, and

wherein when D represents -CH, when A represents A₄ or A₁₃ and when R₃ is not an alkoxy radical, R₁ and R₂ are not both a hydrogen atom;

(b) wherein said compounds of formula (II) are chosen from compounds of formula:



in which:

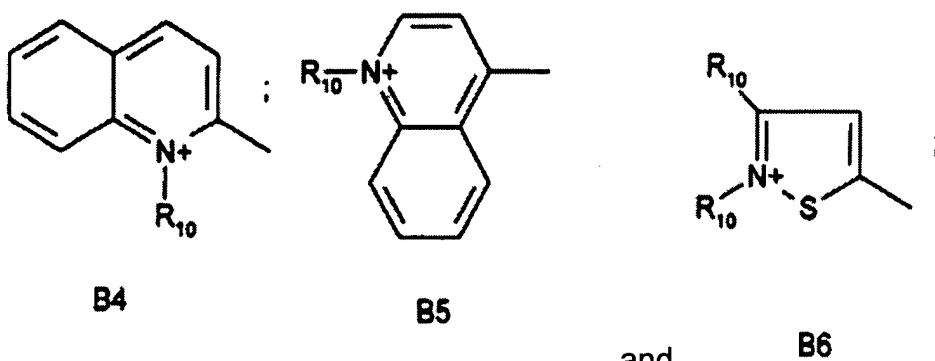
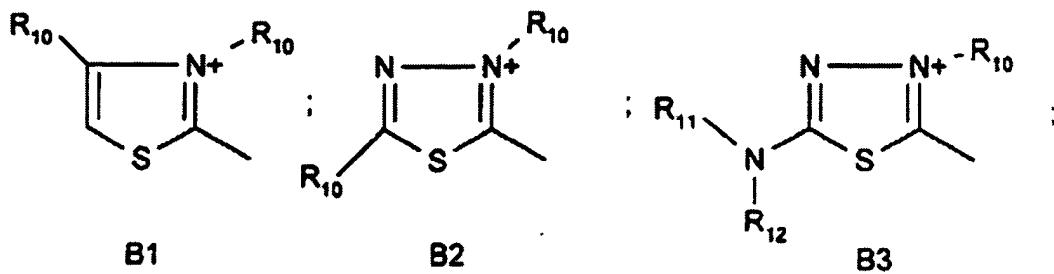
R₆ is chosen from a hydrogen atom and C₁-C₄ alkyl radicals,

R₇ is chosen from a hydrogen atom, alkyl radicals which can be substituted with a species chosen from a -CN radical and an amino group, and a 4'-aminophenyl radical, or forms, with R₆, a heterocycle optionally comprising at least one heteroatom chosen from oxygen and nitrogen, which can be substituted with C₁-C₄ alkyl radicals,

R₈ and R₉, which may be identical or different, are chosen from a hydrogen atom, halogen atoms, C₁-C₄ alkyl radicals C₁-C₄ alkoxy radicals and a -CN radical,

X⁻ is chosen from anions,

B is chosen from structures B₁ to B₆ below:

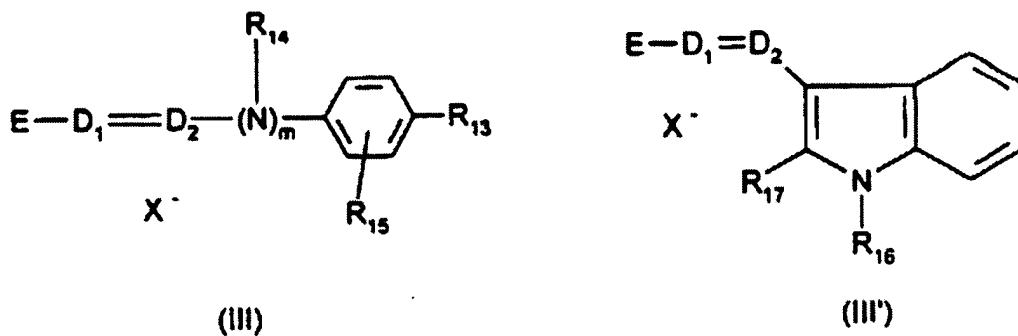


in which:

R₁₀ is chosen from C₁-C₄ alkyl radicals, and

R₁₁ and R₁₂, which may be identical or different, are chosen from a hydrogen atom and C₁-C₄ alkyl radicals;

(c) wherein said compounds of formulae (III) and (III') are chosen from compounds of formulae:



in which:

R_{13} is chosen from a hydrogen atom, C₁-C₄ alkoxy radicals, halogen atoms and an amino radical,

R_{14} is chosen from a hydrogen atom, C₁-C₄ alkyl radicals or forms, with a carbon atom of the benzene ring, a heterocycle optionally containing an oxygen heteroatom and/or substituted with at least one radical chosen from C₁-C₄ alkyl radicals,

R_{15} is chosen from a hydrogen atom and halogen atoms,

R_{16} and R_{17} , which may be identical or different, are chosen from a hydrogen atom and C₁-C₄ alkyl radicals,

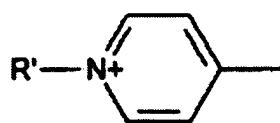
D_1 and D_2 , which may be identical or different, are chosen from a nitrogen atom and a -CH group,

m is 0 or 1,

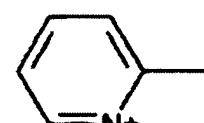
wherein when R_{13} is an unsubstituted amino group, D_1 and D_2 are both a -CH group and m is 0,

X^- is chosen from anions,

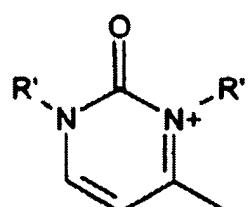
E is chosen from structures E_1 to E_8 below:



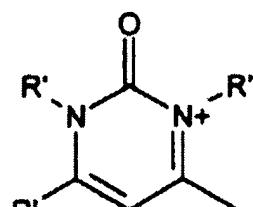
E1



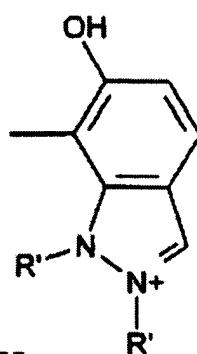
E2



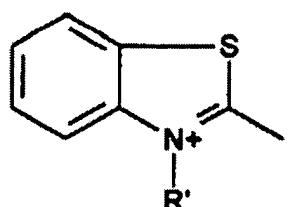
E3



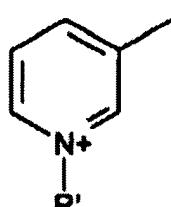
E4



E5

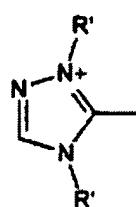


E6



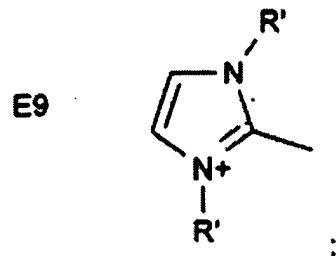
E7

and



E8

in which R' is chosen from C₁-C₄ alkyl radicals;
wherein when m is 0 and when D₁ represents a nitrogen atom, E can be
further chosen from structure E9 below:



in which R' is chosen from C₁-C₄ alkyl radicals;

and

- wherein said second composition comprises at least one oxidizing agent
and at least one thickening polymer,

- **wherein said at least one thickening polymer is chosen from:**

(ii)₁ - nonionic guar gums;

(ii)₂ - biopolysaccharide gums of microbial origin;

(ii)₃ - gums derived from plant exudates;

(ii)₄ - pectins;

(ii)₅ - alginates;

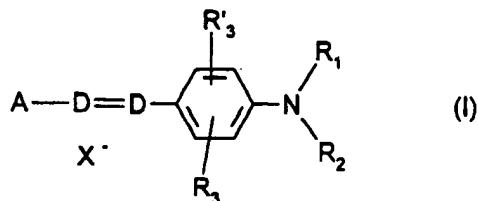
(ii)₆ - starches; and

(ii)₇ - hydroxyalkylcelluloses and carboxyalkylcelluloses

[wherein said at least one thickening polymer is chosen from polymers
comprising at least one sugar unit].

50. (Amended Twice) A process for dyeing keratin fibers, comprising
separately storing a first composition,
separately storing a second composition,
thereafter mixing said first and second compositions,
applying said mixture to said fibers, and
developing for a period of time sufficient to achieve a desired coloration,
- wherein said first composition comprises at least one cationic direct dye
chosen from compounds of formulae (I), (II), (III) and (III') below and at least one
thickening polymer:

(a) wherein said compounds of formula (I) are chosen from compounds
of formula:



in which:

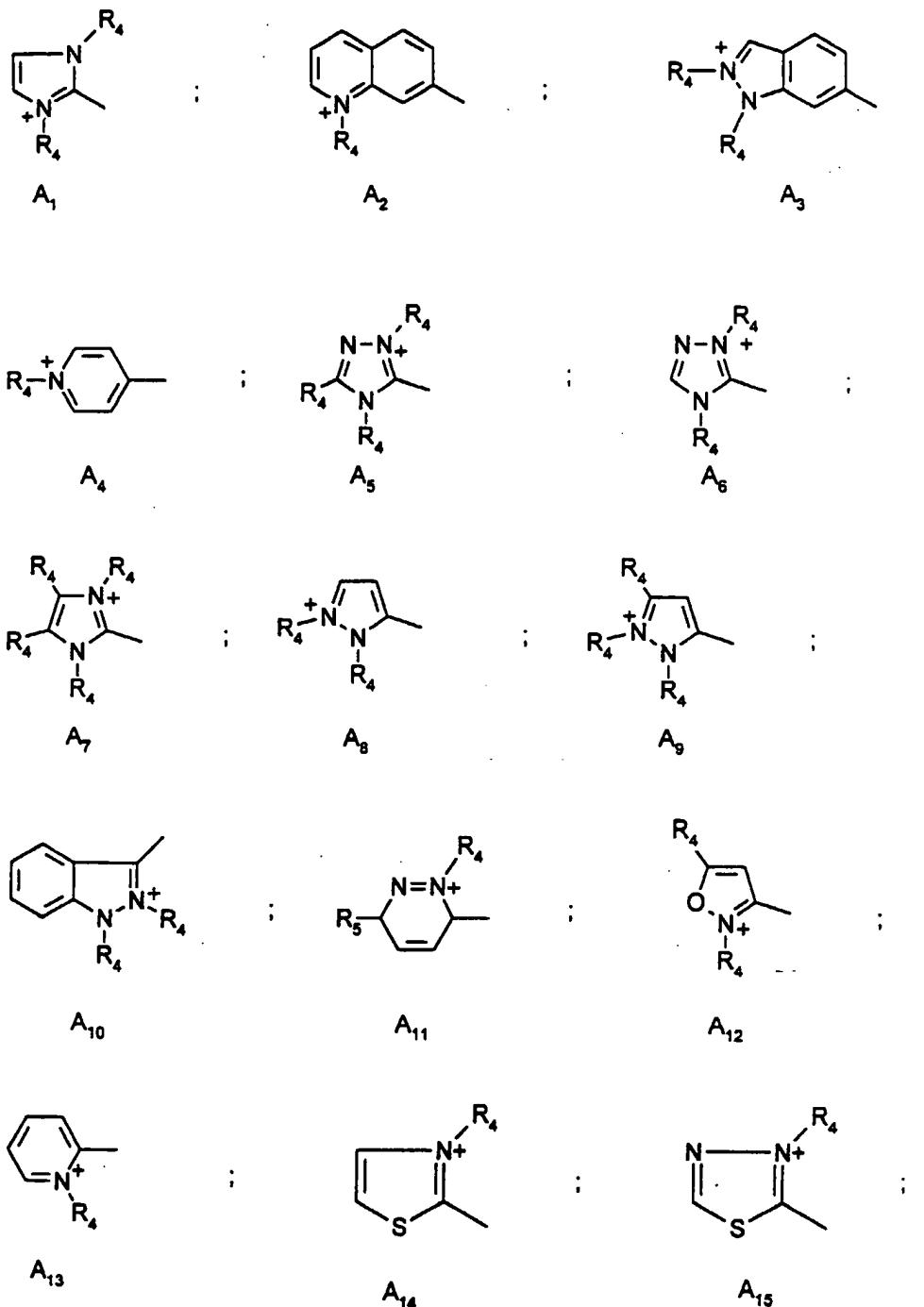
D is chosen from a nitrogen atom and a -CH group,
R₁ and R₂, which may be identical or different, are chosen from a
hydrogen atom; a 4'-aminophenyl radical; and C₁-C₄ alkyl radicals which can
optionally be substituted with a radical chosen from -CN, -OH and -NH₂ radicals;
or
R₁ and R₂ form, with each other or with a carbon atom of the benzene ring of
formula (I), a heterocycle optionally containing a heteroatom chosen from oxygen

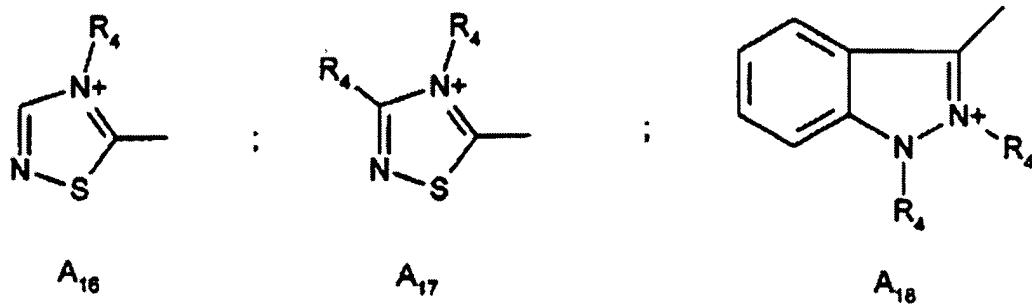
and nitrogen, which can be substituted with at least one radical chosen from C₁-C₄ alkyl radicals;

R₃ and R'₃, which may be identical or different, are chosen from a hydrogen atom, halogen atoms, a cyano radical, C₁-C₄ alkyl radicals, C₁-C₄ alkoxy radicals and acetoxy radicals,

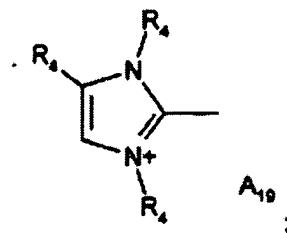
X⁻ is chosen from anions,

A is chosen from structures A₁ to A₁₉ below:





and



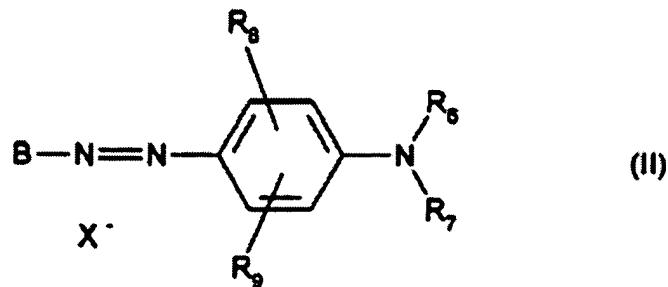
in which:

R₄ is chosen from C₁-C₄ alkyl radicals which can be substituted with a hydroxyl radical, and

R₅ is chosen from C₁-C₄ alkoxy radicals, and

wherein when D represents -CH, when A represents A₄ or A₁₃ and when R₃ is not an alkoxy radical, R₁ and R₂ are not both a hydrogen atom;

(b) wherein said compounds of formula (II) are chosen from compounds of formula:



in which:

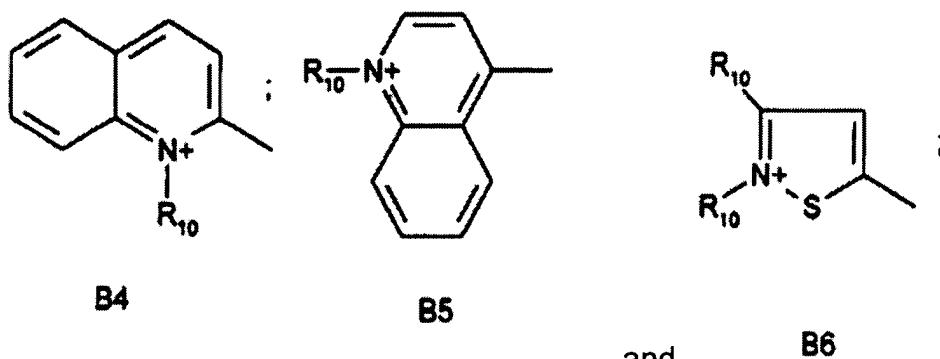
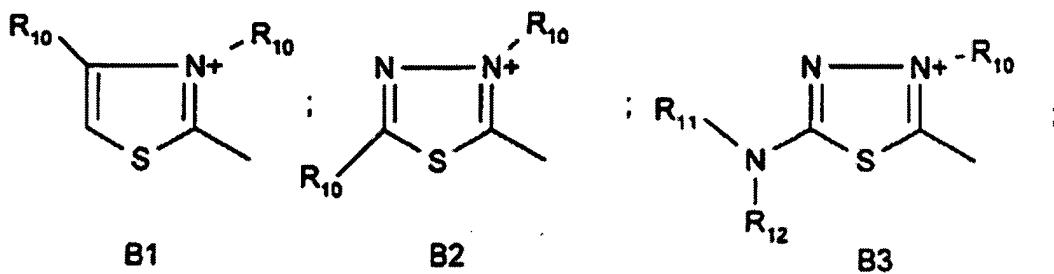
R₆ is chosen from a hydrogen atom and C₁-C₄ alkyl radicals,

R₇ is chosen from a hydrogen atom, alkyl radicals which can be substituted with a species chosen from a -CN radical and an amino group, and a 4'-aminophenyl radical, or forms, with R₆, a heterocycle optionally comprising at least one heteroatom chosen from oxygen and nitrogen, which can be substituted with C₁-C₄ alkyl radicals,

R₈ and R₉, which may be identical or different, are chosen from a hydrogen atom, halogen atoms, C₁-C₄ alkyl radicals C₁-C₄ alkoxy radicals and a -CN radical,

X⁻ is chosen from anions,

B is chosen from structures B₁ to B₆ below:

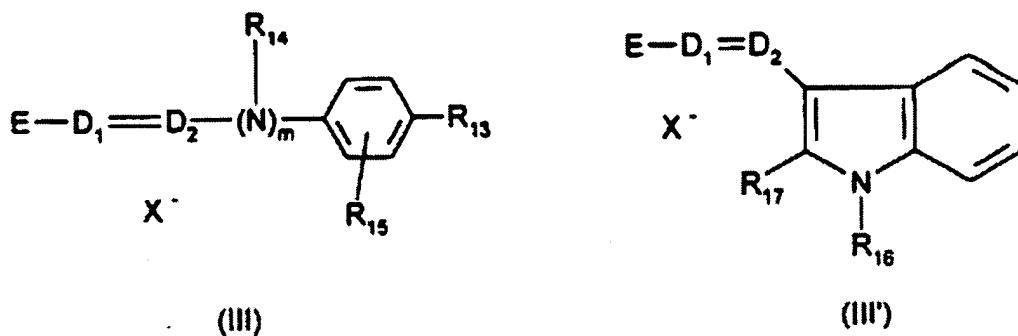


in which:

R₁₀ is chosen from C₁-C₄ alkyl radicals, and

R₁₁ and R₁₂, which may be identical or different, are chosen from a hydrogen atom and C₁-C₄ alkyl radicals;

(c) wherein said compounds of formulae (III) and (III') are chosen from compounds of formulae:



in which:

R_{13} is chosen from a hydrogen atom, C_1-C_4 alkoxy radicals, halogen atoms and an amino radical,

R_{14} is chosen from a hydrogen atom, C_1-C_4 alkyl radicals or forms, with a carbon atom of the benzene ring, a heterocycle optionally containing an oxygen heteroatom and/or substituted with at least one radical chosen from C_1-C_4 alkyl radicals,

R_{15} is chosen from a hydrogen atom and halogen atoms,

R_{16} and R_{17} , which may be identical or different, are chosen from a hydrogen atom and C_1-C_4 alkyl radicals,

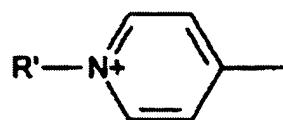
D_1 and D_2 , which may be identical or different, are chosen from a nitrogen atom and a $-CH$ group,

m is 0 or 1,

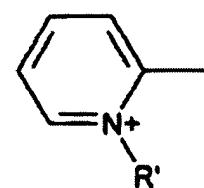
wherein when R_{13} is an unsubstituted amino group, D_1 and D_2 are both a $-CH$ group and m is 0,

X^- is chosen from anions,

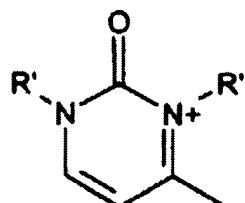
E is chosen from structures E_1 to E_8 below:



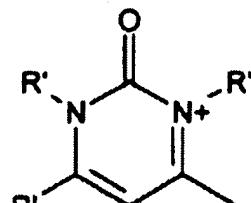
E1



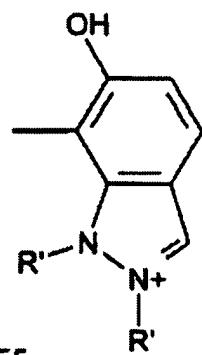
E2



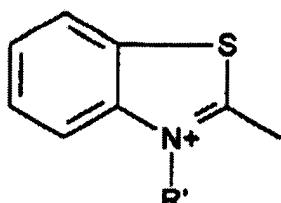
E3



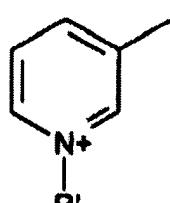
E4



E5

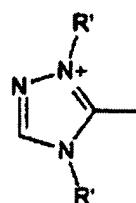


E6



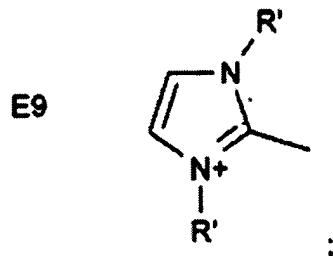
E7

and



E8

in which R' is chosen from C₁-C₄ alkyl radicals;
wherein when m is 0 and when D₁ represents a nitrogen atom, E can be
further chosen from structure E9 below:



in which R' is chosen from C₁-C₄ alkyl radicals;

- **wherein said at least one thickening polymer is chosen from:**

(ii)₁ - nonionic guar gums;

(ii)₂ - biopolysaccharide gums of microbial origin;

(ii)₃ - gums derived from plant exudates;

(ii)₄ - pectins;

(ii)₅ - alginates;

(ii)₆ - starches; and

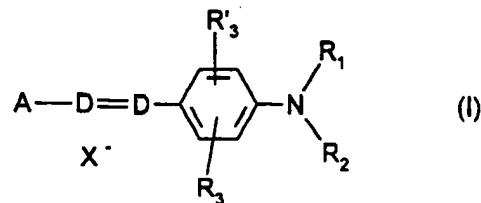
(ii)₇ - hydroxyalkylcelluloses and carboxyalkylcelluloses [wherein said at least one thickening polymer is chosen from polymers comprising at least one sugar unit]; and

- wherein said second composition comprises at least one oxidizing agent.

51. (Amended Twice) A process for dyeing keratin fibers, comprising
separately storing a first composition,

separately storing a second composition,
thereafter mixing said first and second compositions,
applying said mixture to said fibers, and
developing for a period of time sufficient to achieve a desired coloration,
- wherein said first composition comprises at least one cationic direct dye
chosen from compounds of formulae (I), (II), (III) and (III') below:

(a) wherein said compounds of formula (I) are chosen from compounds
of formula:



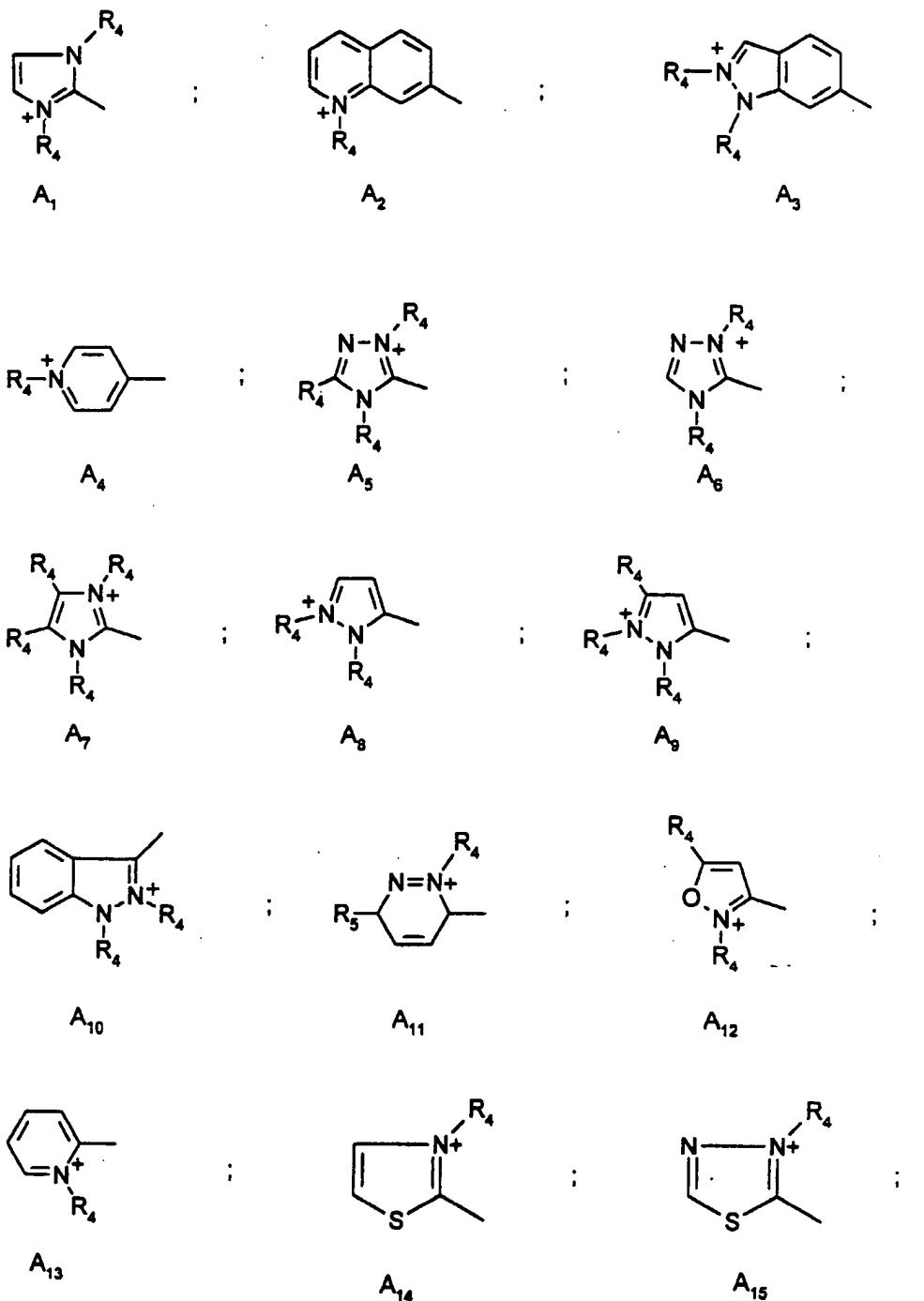
in which:

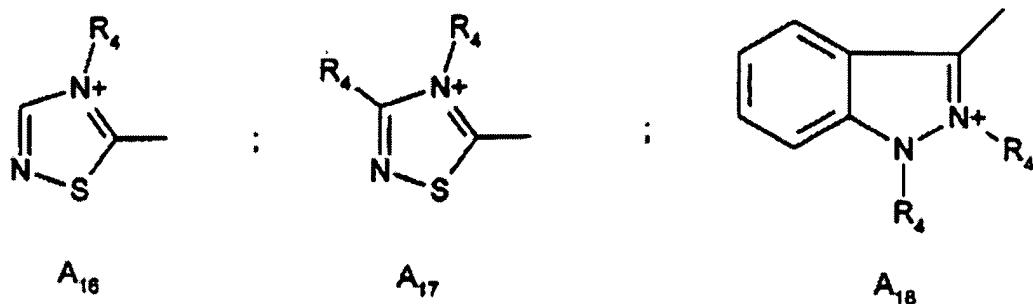
D is chosen from a nitrogen atom and a -CH group,
R₁ and R₂, which may be identical or different, are chosen from a
hydrogen atom; a 4'-aminophenyl radical; and C₁-C₄ alkyl radicals which can
optionally be substituted with a radical chosen from -CN, -OH and -NH₂ radicals;
or
R₁ and R₂ form, with each other or with a carbon atom of the benzene ring of
formula (I), a heterocycle optionally containing a heteroatom chosen from oxygen
and nitrogen, which can be substituted with at least one radical chosen from
C₁-C₄ alkyl radicals;

R_3 and R'_3 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, a cyano radical, C₁-C₄ alkyl radicals, C₁-C₄ alkoxy radicals and acyloxy radicals,

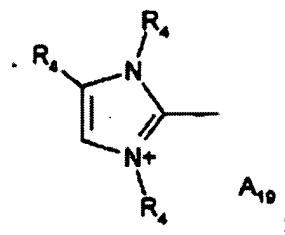
X^- is chosen from anions,

A is chosen from structures A₁ to A₁₉ below:





and



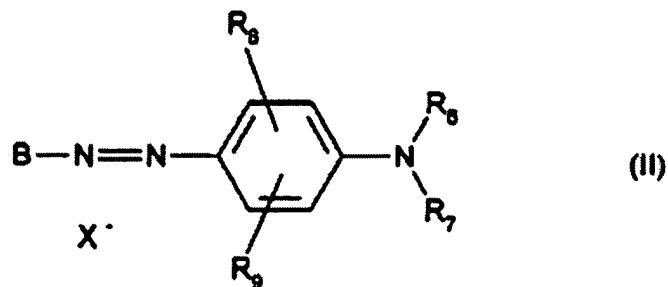
in which:

R₄ is chosen from C₁-C₄ alkyl radicals which can be substituted with a hydroxyl radical, and

R₅ is chosen from C₁-C₄ alkoxy radicals, and

wherein when D represents -CH, when A represents A₄ or A₁₃ and when R₃ is not an alkoxy radical, R₁ and R₂ are not both a hydrogen atom;

(b) wherein said compounds of formula (II) are chosen from compounds of formula:



in which:

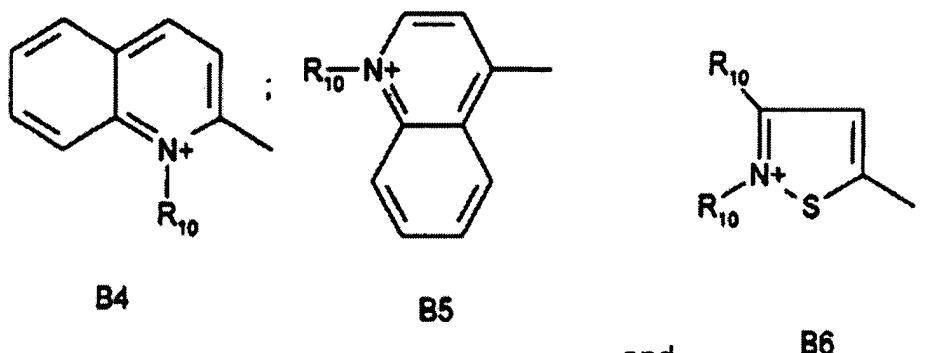
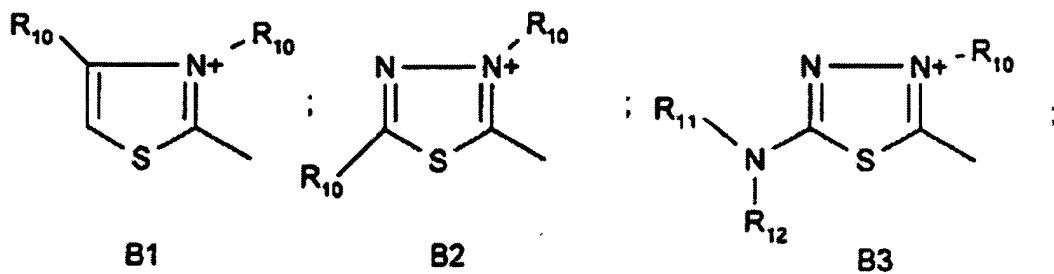
R₆ is chosen from a hydrogen atom and C₁-C₄ alkyl radicals,

R₇ is chosen from a hydrogen atom, alkyl radicals which can be substituted with a species chosen from a -CN radical and an amino group, and a 4'-aminophenyl radical, or forms, with R₆, a heterocycle optionally comprising at least one heteroatom chosen from oxygen and nitrogen, which can be substituted with C₁-C₄ alkyl radicals,

R₈ and R₉, which may be identical or different, are chosen from a hydrogen atom, halogen atoms, C₁-C₄ alkyl radicals C₁-C₄ alkoxy radicals and a -CN radical,

X⁻ is chosen from anions,

B is chosen from structures B₁ to B₆ below:

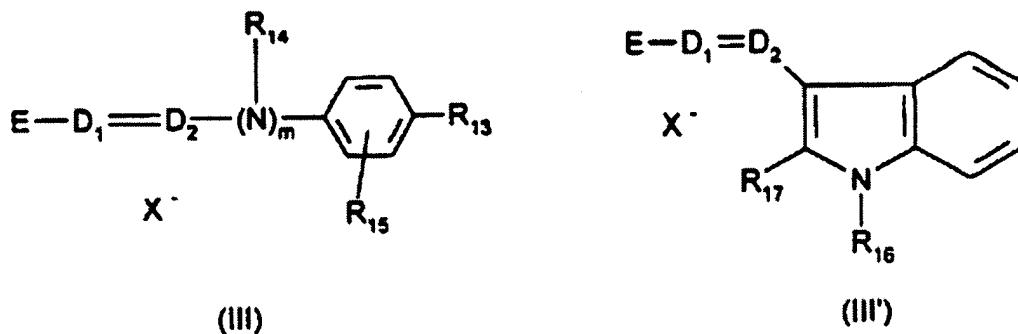


in which:

R₁₀ is chosen from C₁-C₄ alkyl radicals, and

R₁₁ and R₁₂, which may be identical or different, are chosen from a hydrogen atom and C₁-C₄ alkyl radicals;

(c) wherein said compounds of formulae (III) and (III') are chosen from compounds of formulae:



in which:

R_{13} is chosen from a hydrogen atom, C₁-C₄ alkoxy radicals, halogen atoms and an amino radical,

R_{14} is chosen from a hydrogen atom, C₁-C₄ alkyl radicals or forms, with a carbon atom of the benzene ring, a heterocycle optionally containing an oxygen heteroatom and/or substituted with at least one radical chosen from C₁-C₄ alkyl radicals,

R_{15} is chosen from a hydrogen atom and halogen atoms,

R_{16} and R_{17} , which may be identical or different, are chosen from a hydrogen atom and C₁-C₄ alkyl radicals,

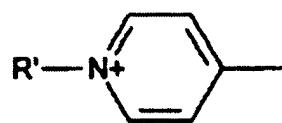
D_1 and D_2 , which may be identical or different, are chosen from a nitrogen atom and a -CH group,

m is 0 or 1,

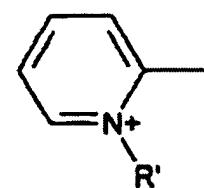
wherein when R_{13} is an unsubstituted amino group, D_1 and D_2 are both a -CH group and m is 0,

X^- is chosen from anions,

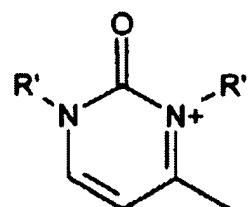
E is chosen from structures E_1 to E_8 below:



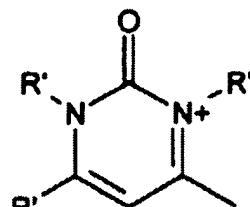
E1



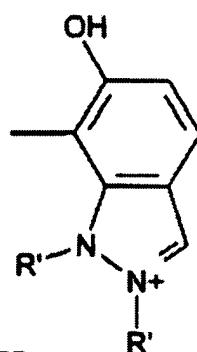
E2



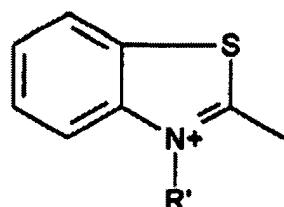
E3



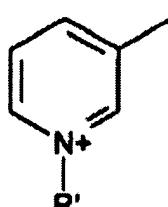
E4



E5

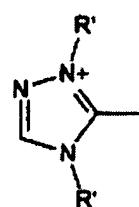


E6



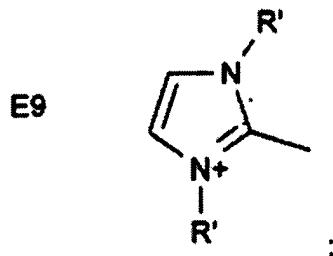
E7

and



E8

in which R' is chosen from C₁-C₄ alkyl radicals;
wherein when m is 0 and when D₁ represents a nitrogen atom, E can be
further chosen from structure E9 below:

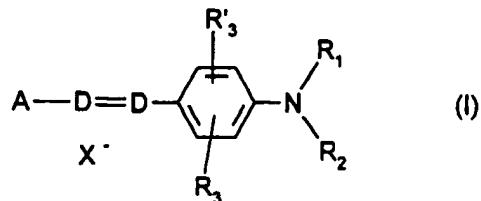


in which R' is chosen from C₁-C₄ alkyl radicals;

- wherein said second composition comprises at least one oxidizing agent and at least one thickening polymer,
- wherein said at least one thickening polymer is chosen from:
 - (ii)₁ - nonionic guar gums;
 - (ii)₂ - biopolysaccharide gums of microbial origin;
 - (ii)₃ - gums derived from plant exudates;
 - (ii)₄ - pectins;
 - (ii)₅ - alginates;
 - (ii)₆ - starches; and
 - (ii)₇ - hydroxyalkylcelluloses and carboxyalkylcelluloses [wherein said at least one thickening polymer is chosen from polymers comprising at least one sugar unit].

52. (Amended Once) A multi-compartment dyeing kit, comprising at least two separate compartments, wherein a first compartment contains a first composition and a second compartment contains a second composition, - wherein said first composition comprises at least one cationic direct dye chosen from compounds of formulae (I), (II), (III) and (III') below, at least one thickening polymer and at least one oxidation base:

(a) wherein said compounds of formula (I) are chosen from compounds of formula:



in which:

D is chosen from a nitrogen atom and a -CH group,

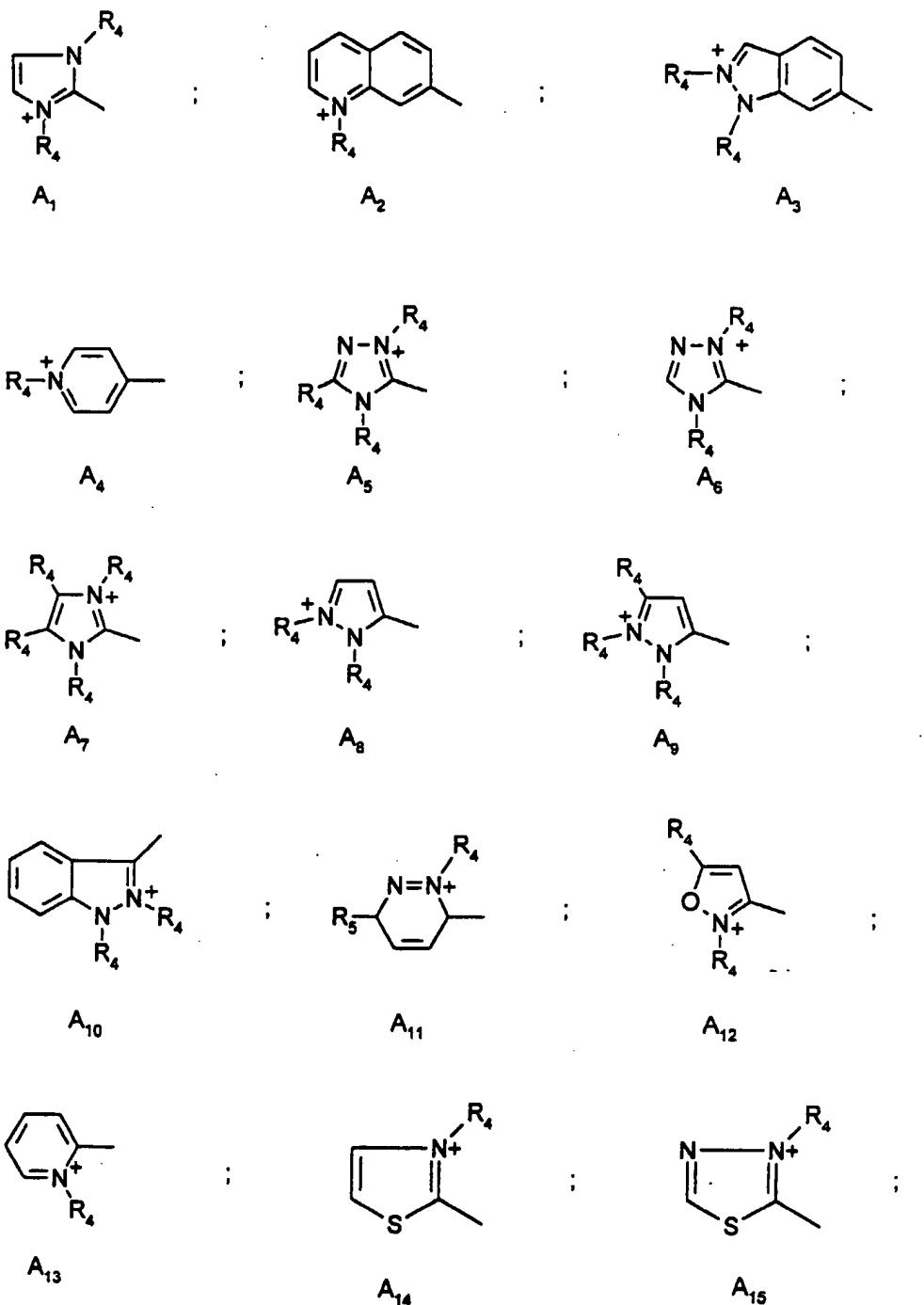
R₁ and R₂, which may be identical or different, are chosen from a hydrogen atom; a 4'-aminophenyl radical; and C₁-C₄ alkyl radicals which can optionally be substituted with a radical chosen from -CN, -OH and -NH₂ radicals; or

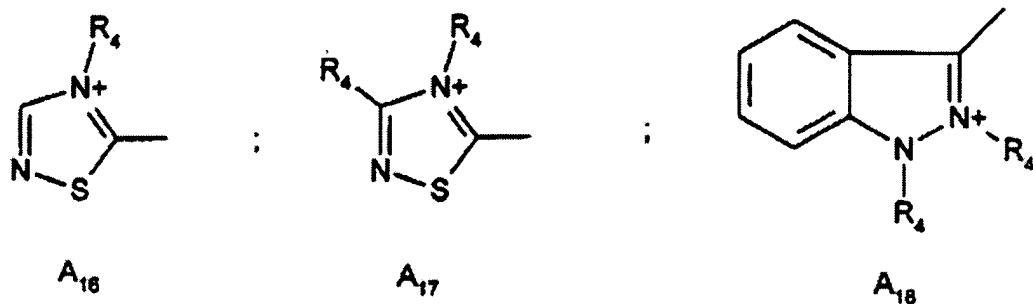
R₁ and R₂ form, with each other or with a carbon atom of the benzene ring of formula (I), a heterocycle optionally containing a heteroatom chosen from oxygen and nitrogen, which can be substituted with at least one radical chosen from C₁-C₄ alkyl radicals;

R_3 and R'_3 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, a cyano radical, C₁-C₄ alkyl radicals, C₁-C₄ alkoxy radicals and acyloxy radicals,

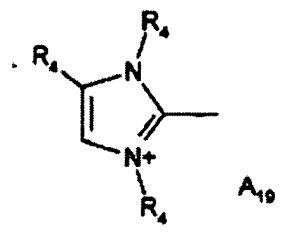
X^- is chosen from anions,

A is chosen from structures A₁ to A₁₉ below:





and



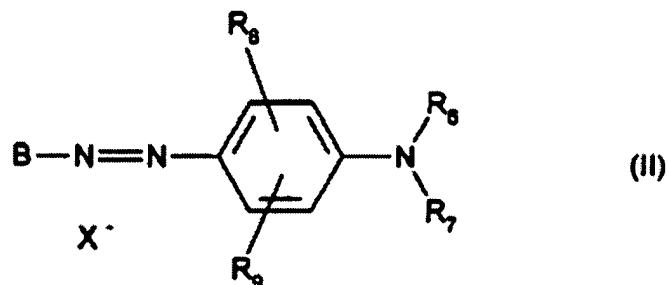
in which:

R₄ is chosen from C₁-C₄ alkyl radicals which can be substituted with a hydroxyl radical, and

R₅ is chosen from C₁-C₄ alkoxy radicals, and

wherein when D represents -CH, when A represents A₄ or A₁₃ and when R₃ is not an alkoxy radical, R₁ and R₂ are not both a hydrogen atom;

(b) wherein said compounds of formula (II) are chosen from compounds of formula:



in which:

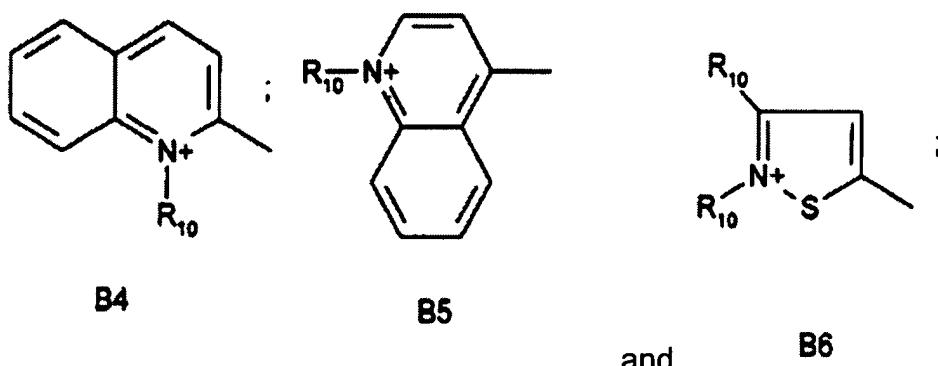
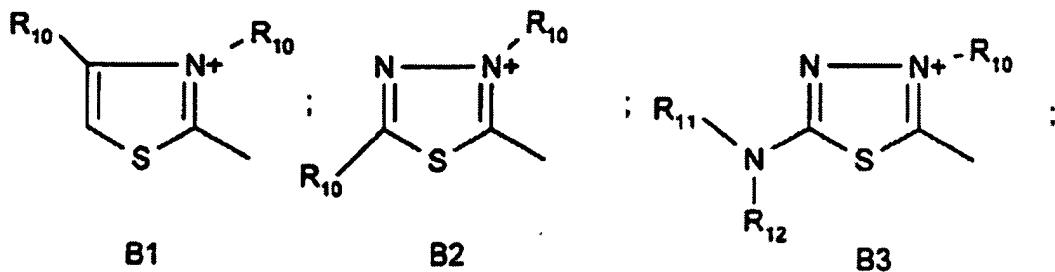
R₆ is chosen from a hydrogen atom and C₁-C₄ alkyl radicals,

R₇ is chosen from a hydrogen atom, alkyl radicals which can be substituted with a species chosen from a -CN radical and an amino group, and a 4'-aminophenyl radical, or forms, with R₆, a heterocycle optionally comprising at least one heteroatom chosen from oxygen and nitrogen, which can be substituted with C₁-C₄ alkyl radicals,

R₈ and R₉, which may be identical or different, are chosen from a hydrogen atom, halogen atoms, C₁-C₄ alkyl radicals C₁-C₄ alkoxy radicals and a -CN radical,

X⁻ is chosen from anions,

B is chosen from structures B₁ to B₆ below:

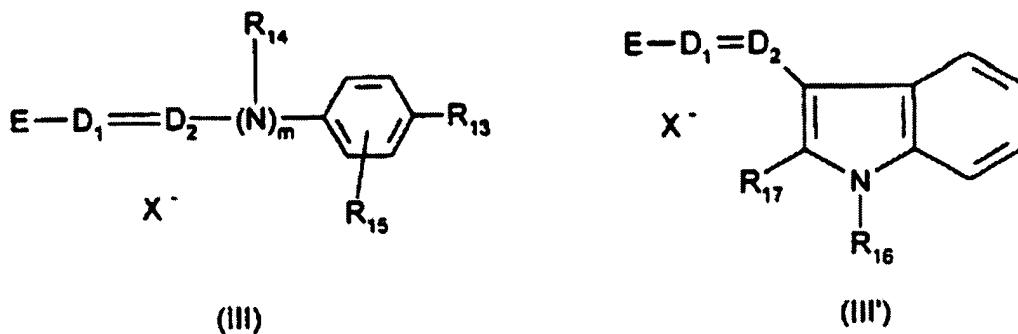


in which:

R₁₀ is chosen from C₁-C₄ alkyl radicals, and

R₁₁ and R₁₂, which may be identical or different, are chosen from a hydrogen atom and C₁-C₄ alkyl radicals;

(c) wherein said compounds of formulae (III) and (III') are chosen from compounds of formulae:



in which:

R_{13} is chosen from a hydrogen atom, C₁-C₄ alkoxy radicals, halogen atoms and an amino radical,

R_{14} is chosen from a hydrogen atom, C₁-C₄ alkyl radicals or forms, with a carbon atom of the benzene ring, a heterocycle optionally containing an oxygen heteroatom and/or substituted with at least one radical chosen from C₁-C₄ alkyl radicals,

R_{15} is chosen from a hydrogen atom and halogen atoms,

R_{16} and R_{17} , which may be identical or different, are chosen from a hydrogen atom and C₁-C₄ alkyl radicals,

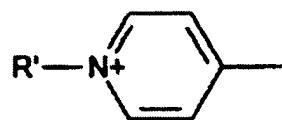
D_1 and D_2 , which may be identical or different, are chosen from a nitrogen atom and a -CH group,

m is 0 or 1,

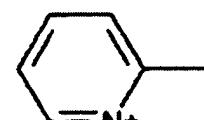
wherein when R_{13} is an unsubstituted amino group, D_1 and D_2 are both a -CH group and m is 0,

X^- is chosen from anions,

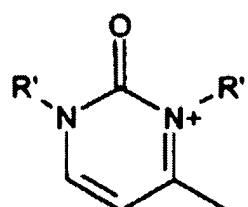
E is chosen from structures E_1 to E_8 below:



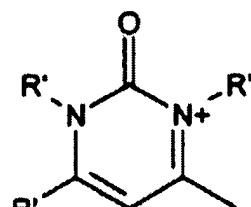
E1



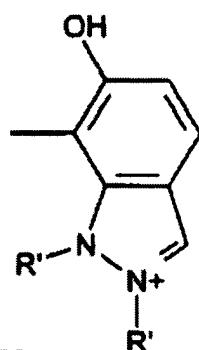
E2



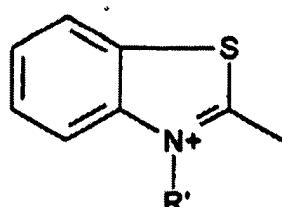
E3



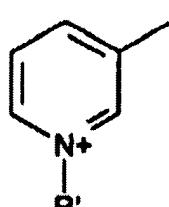
E4



E5

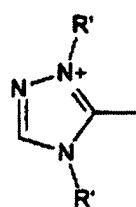


E6



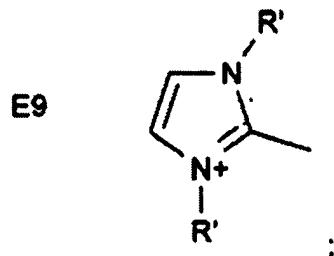
E7

and



E8

in which R' is chosen from C₁-C₄ alkyl radicals;
wherein when m is 0 and when D₁ represents a nitrogen atom, E can be
further chosen from structure E9 below:

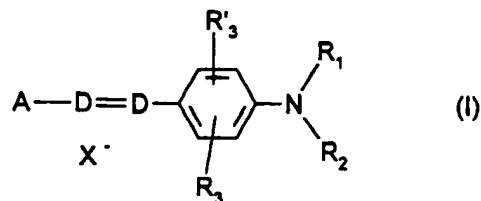


in which R' is chosen from C₁-C₄ alkyl radicals;

- **wherein said at least one thickening polymer is chosen from:**
 - (ii)₁ - nonionic quar gums;**
 - (ii)₂ - biopolysaccharide qums of microbial origin;**
 - (ii)₃ - gums derived from plant exudates;**
 - (ii)₄ - pectins;**
 - (ii)₅ - alginates;**
 - (ii)₆ - starches; and**
 - (ii)₇ - hydroxyalkylcelluloses and carboxyalkylcelluloses** [wherein said at least one thickening polymer is chosen from polymers comprising at least one sugar unit]; and
- wherein said second composition comprises at least one oxidizing agent.

53. (Amended Once) A multi-compartment dyeing kit, comprising at least two separate compartments, wherein a first compartment contains a first composition and a second compartment contains a second composition, - wherein said first composition comprises at least one oxidation base and at least one cationic direct dye chosen from compounds of formulae (I), (II), (III) and (III') below:

(a) wherein said compounds of formula (I) are chosen from compounds of formula:



in which:

D is chosen from a nitrogen atom and a -CH group,

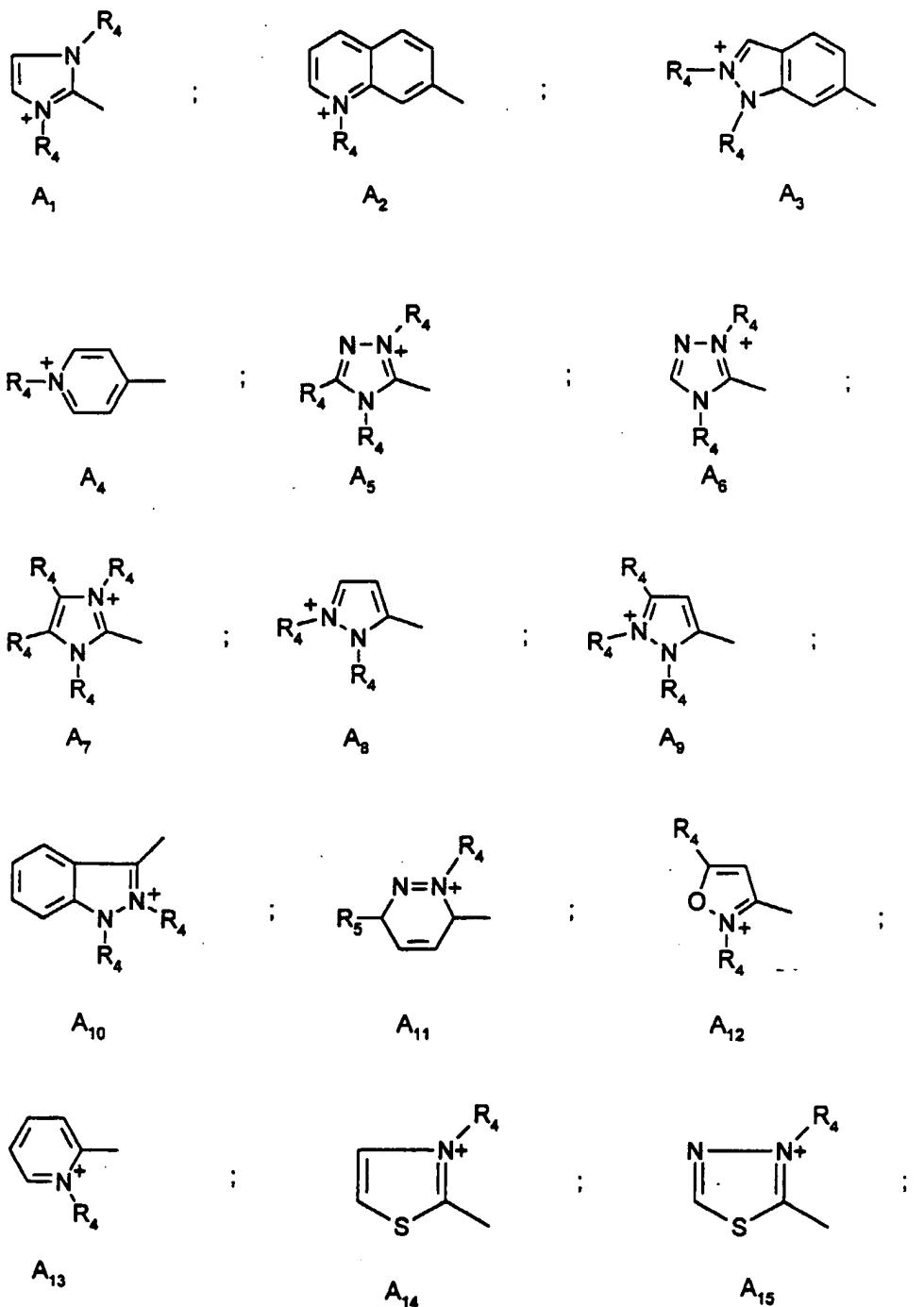
R₁ and R₂, which may be identical or different, are chosen from a hydrogen atom; a 4'-aminophenyl radical; and C₁-C₄ alkyl radicals which can optionally be substituted with a radical chosen from -CN, -OH and -NH₂ radicals; or

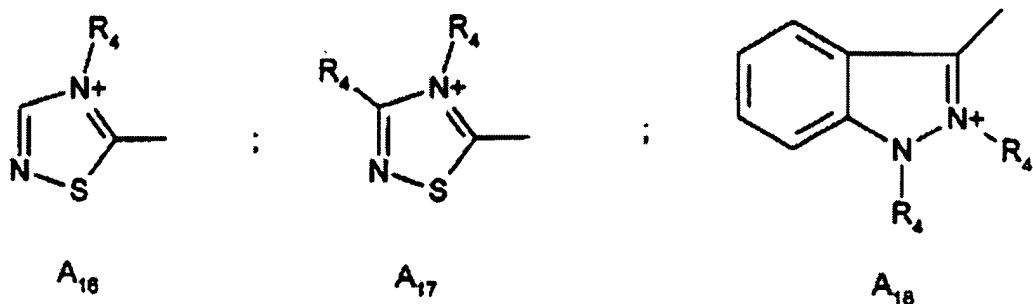
R₁ and R₂ form, with each other or with a carbon atom of the benzene ring of formula (I), a heterocycle optionally containing a heteroatom chosen from oxygen and nitrogen, which can be substituted with at least one radical chosen from C₁-C₄ alkyl radicals;

R_3 and R'_3 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, a cyano radical, C₁-C₄ alkyl radicals, C₁-C₄ alkoxy radicals and acyloxy radicals,

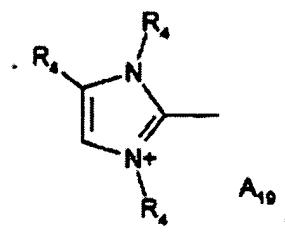
X^- is chosen from anions,

A is chosen from structures A₁ to A₁₉ below:





and



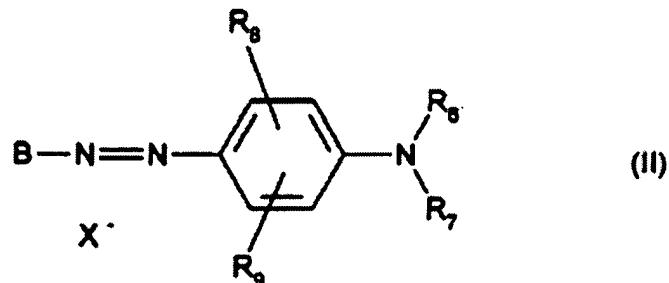
in which:

R₄ is chosen from C₁-C₄ alkyl radicals which can be substituted with a hydroxyl radical, and

R₅ is chosen from C₁-C₄ alkoxy radicals, and

wherein when D represents -CH, when A represents A₄ or A₁₃ and when R₃ is not an alkoxy radical, R₁ and R₂ are not both a hydrogen atom;

(b) wherein said compounds of formula (II) are chosen from compounds of formula:



in which:

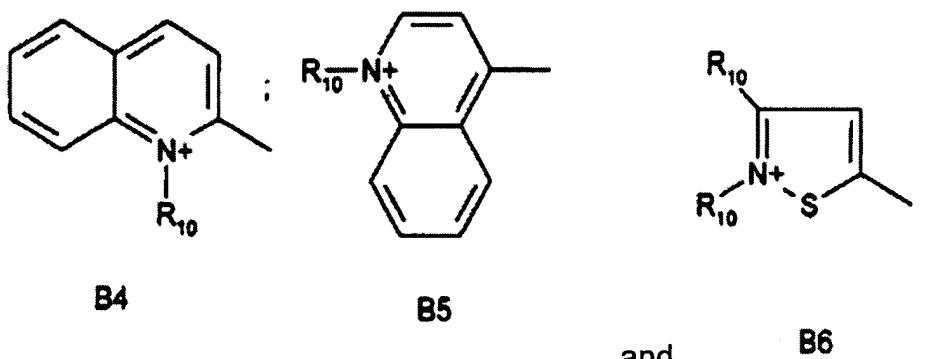
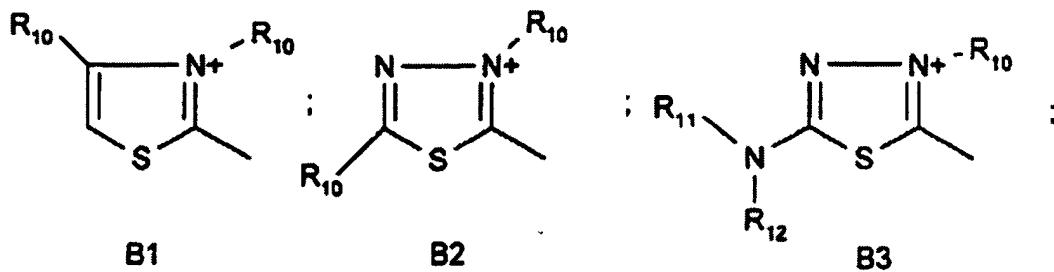
R_6 is chosen from a hydrogen atom and C_1 - C_4 alkyl radicals,

R_7 is chosen from a hydrogen atom, alkyl radicals which can be substituted with a species chosen from a -CN radical and an amino group, and a 4'-aminophenyl radical, or forms, with R_6 , a heterocycle optionally comprising at least one heteroatom chosen from oxygen and nitrogen, which can be substituted with C_1 - C_4 alkyl radicals,

R_8 and R_9 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, C_1 - C_4 alkyl radicals C_1 - C_4 alkoxy radicals and a -CN radical,

X^- is chosen from anions,

B is chosen from structures B_1 to B_6 below:

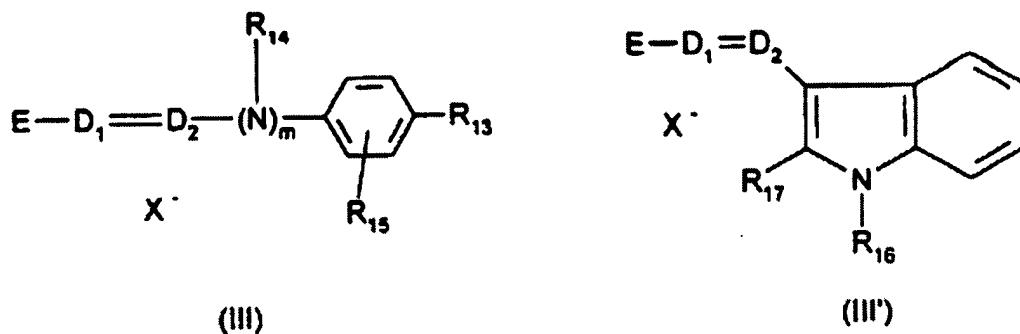


in which:

R₁₀ is chosen from C₁-C₄ alkyl radicals, and

R₁₁ and R₁₂, which may be identical or different, are chosen from a hydrogen atom and C₁-C₄ alkyl radicals;

(c) wherein said compounds of formulae (III) and (III') are chosen from compounds of formulae:



in which:

R_{13} is chosen from a hydrogen atom, C₁-C₄ alkoxy radicals, halogen atoms and an amino radical,

R_{14} is chosen from a hydrogen atom, C₁-C₄ alkyl radicals or forms, with a carbon atom of the benzene ring, a heterocycle optionally containing an oxygen heteroatom and/or substituted with at least one radical chosen from C₁-C₄ alkyl radicals,

R_{15} is chosen from a hydrogen atom and halogen atoms,

R_{16} and R_{17} , which may be identical or different, are chosen from a hydrogen atom and C₁-C₄ alkyl radicals,

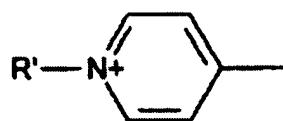
D_1 and D_2 , which may be identical or different, are chosen from a nitrogen atom and a -CH group,

m is 0 or 1,

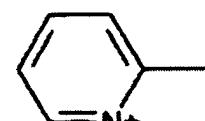
wherein when R_{13} is an unsubstituted amino group, D_1 and D_2 are both a -CH group and m is 0,

X^- is chosen from anions,

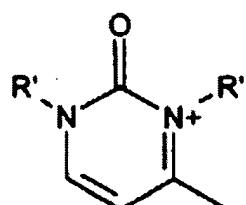
E is chosen from structures E_1 to E_8 below:



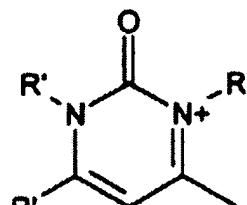
E1



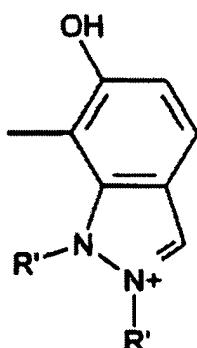
E2



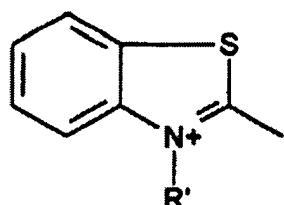
E3



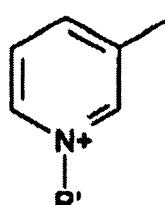
E4



E5

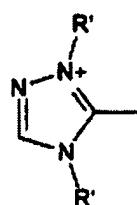


E6



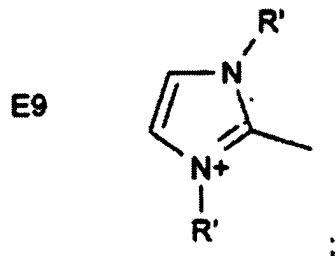
E7

and



E8

in which R' is chosen from C₁-C₄ alkyl radicals;
wherein when m is 0 and when D₁ represents a nitrogen atom, E can be
further chosen from structure E9 below:

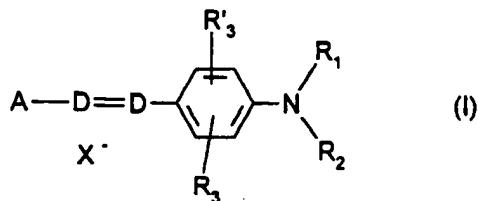


in which R' is chosen from C₁-C₄ alkyl radicals;

- wherein said second composition comprises at least one oxidizing agent and at least one thickening polymer,
- **wherein said at least one thickening polymer is chosen from:**
 - (ii)₁ - nonionic guar gums;**
 - (ii)₂ - biopolysaccharide gums of microbial origin;**
 - (ii)₃ - gums derived from plant exudates;**
 - (ii)₄ - pectins;**
 - (ii)₅ - alginates;**
 - (ii)₆ - starches; and**
 - (ii)₇ - hydroxyalkylcelluloses and carboxyalkylcelluloses** [wherein said at least one thickening polymer is chosen from polymers comprising at least one sugar unit].

54. (Amended Once) A multi-compartment dyeing kit, comprising at least two separate compartments, wherein a first compartment contains a first composition and a second compartment contains a second composition, - wherein said first composition comprises at least one thickening polymer and at least one cationic direct dye chosen from compounds of formulae (I), (II), (III) and (III') below:

(a) wherein said compounds of formula (I) are chosen from compounds of formula:



in which:

D is chosen from a nitrogen atom and a -CH group,

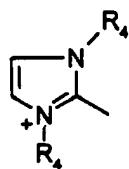
R₁ and R₂, which may be identical or different, are chosen from a hydrogen atom; a 4'-aminophenyl radical; and C₁-C₄ alkyl radicals which can optionally be substituted with a radical chosen from -CN, -OH and -NH₂ radicals; or

R₁ and R₂ form, with each other or with a carbon atom of the benzene ring of formula (I), a heterocycle optionally containing a heteroatom chosen from oxygen and nitrogen, which can be substituted with at least one radical chosen from C₁-C₄ alkyl radicals;

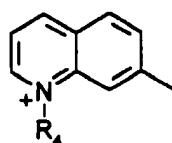
R_3 and R'_3 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, a cyano radical, C₁-C₄ alkyl radicals, C₁-C₄ alkoxy radicals and acyloxy radicals,

X^- is chosen from anions,

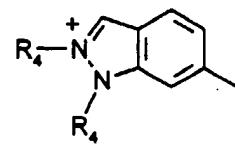
A is chosen from structures A₁ to A₁₉ below:



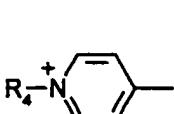
A₁



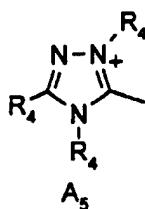
A₂



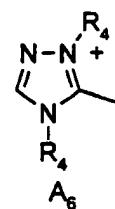
A₃



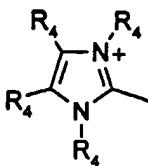
A₄



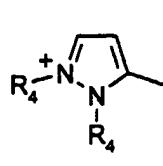
A₅



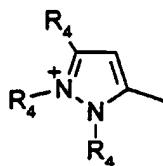
A₆



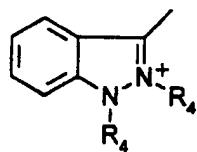
A₇



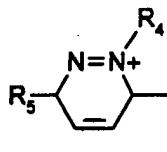
A₈



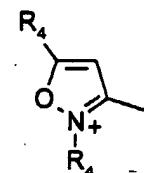
A₉



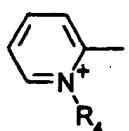
A₁₀



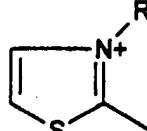
A₁₁



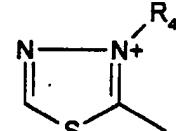
A₁₂



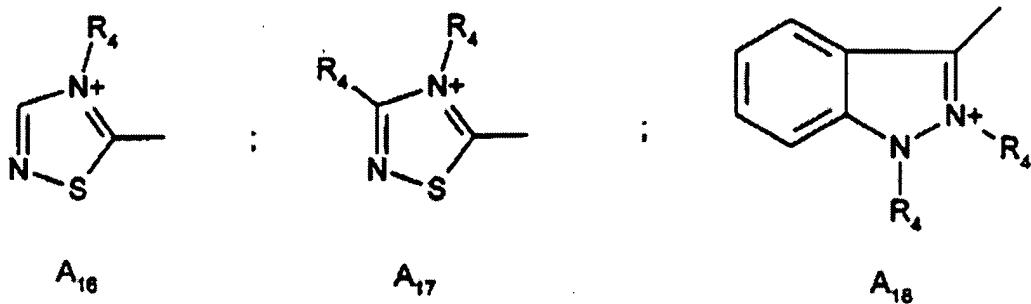
A₁₃



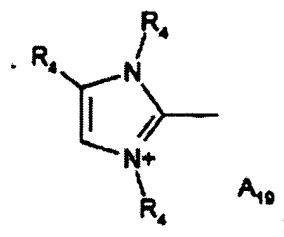
A₁₄



A₁₅



and



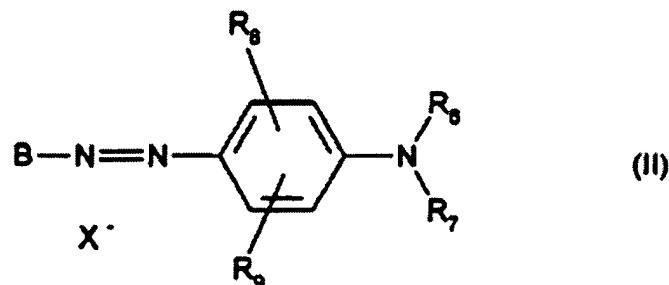
in which:

R₄ is chosen from C₁-C₄ alkyl radicals which can be substituted with a hydroxyl radical, and

R₅ is chosen from C₁-C₄ alkoxy radicals, and

wherein when D represents -CH, when A represents A₄ or A₁₃ and when R₃ is not an alkoxy radical, R₁ and R₂ are not both a hydrogen atom;

(b) wherein said compounds of formula (II) are chosen from compounds of formula:



in which:

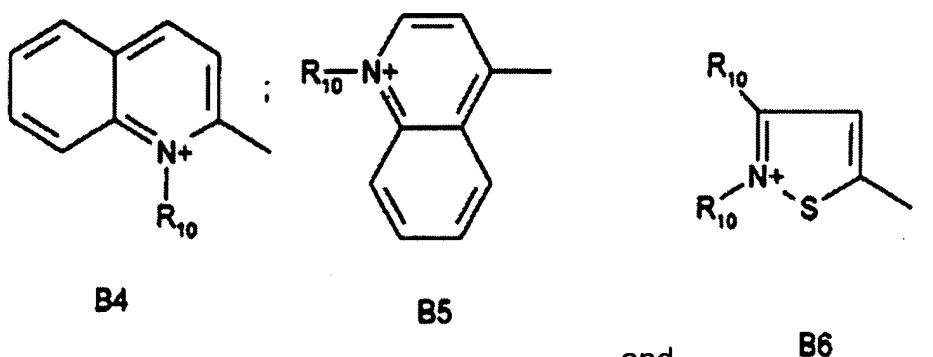
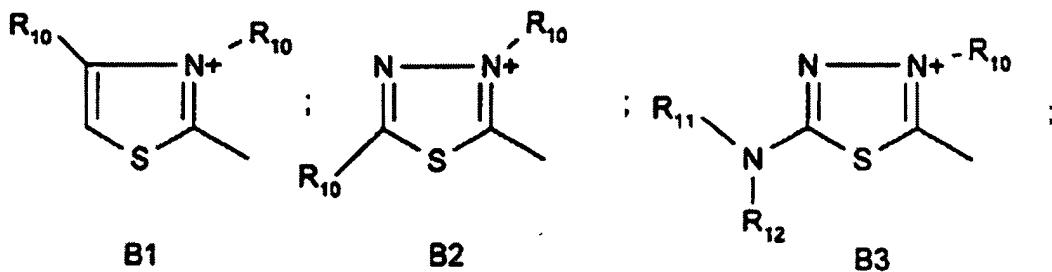
R_6 is chosen from a hydrogen atom and C_1 - C_4 alkyl radicals,

R_7 is chosen from a hydrogen atom, alkyl radicals which can be substituted with a species chosen from a -CN radical and an amino group, and a 4'-aminophenyl radical, or forms, with R_6 , a heterocycle optionally comprising at least one heteroatom chosen from oxygen and nitrogen, which can be substituted with C_1 - C_4 alkyl radicals,

R_8 and R_9 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, C_1 - C_4 alkyl radicals C_1 - C_4 alkoxy radicals and a -CN radical,

X^- is chosen from anions,

B is chosen from structures B_1 to B_6 below:

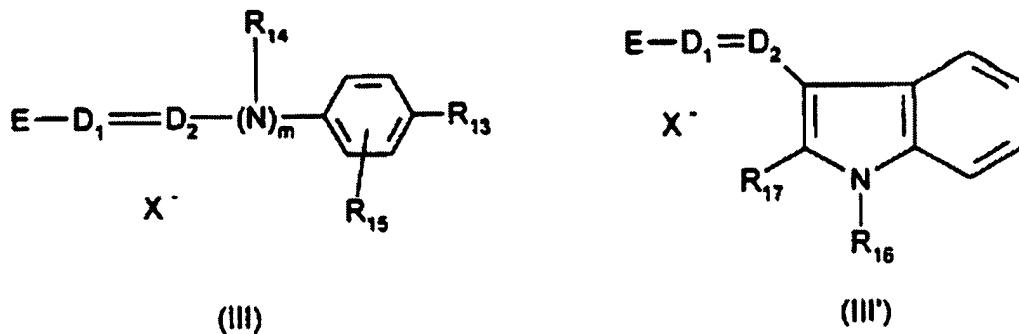


in which:

R₁₀ is chosen from C₁-C₄ alkyl radicals, and

R₁₁ and R₁₂, which may be identical or different, are chosen from a hydrogen atom and C₁-C₄ alkyl radicals;

(c) wherein said compounds of formulae (III) and (III') are chosen from compounds of formulae:



in which:

R_{13} is chosen from a hydrogen atom, C₁-C₄ alkoxy radicals, halogen atoms and an amino radical,

R_{14} is chosen from a hydrogen atom, C₁-C₄ alkyl radicals or forms, with a carbon atom of the benzene ring, a heterocycle optionally containing an oxygen heteroatom and/or substituted with at least one radical chosen from C₁-C₄ alkyl radicals,

R_{15} is chosen from a hydrogen atom and halogen atoms,

R_{16} and R_{17} , which may be identical or different, are chosen from a hydrogen atom and C₁-C₄ alkyl radicals,

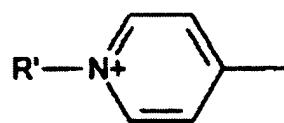
D_1 and D_2 , which may be identical or different, are chosen from a nitrogen atom and a -CH group,

m is 0 or 1,

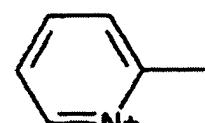
wherein when R_{13} is an unsubstituted amino group, D_1 and D_2 are both a -CH group and m is 0,

X^- is chosen from anions,

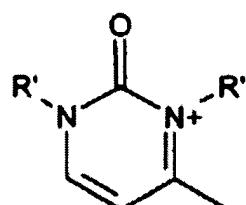
E is chosen from structures E_1 to E_8 below:



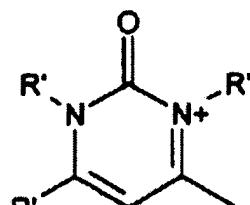
E1



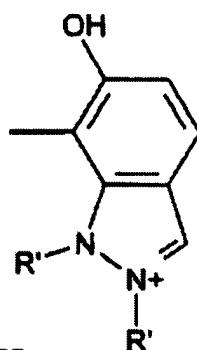
E2



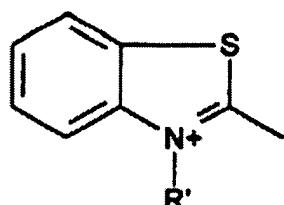
E3



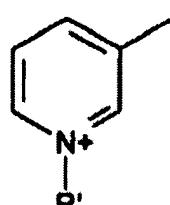
E4



E5

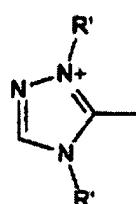


E6



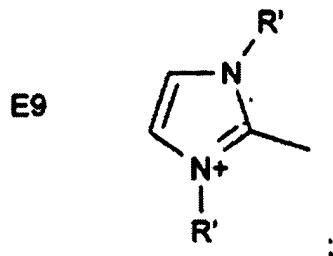
E7

and



E8

in which R' is chosen from C₁-C₄ alkyl radicals;
wherein when m is 0 and when D₁ represents a nitrogen atom, E can be
further chosen from structure E9 below:



in which R' is chosen from C₁-C₄ alkyl radicals;

- **wherein said at least one thickening polymer is chosen from:**

(ii)₁ - nonionic guar gums;

(ii)₂ - biopolysaccharide gums of microbial origin;

(ii)₃ - gums derived from plant exudates;

(ii)₄ - pectins;

(ii)₅ - alginates;

(ii)₆ - starches; and

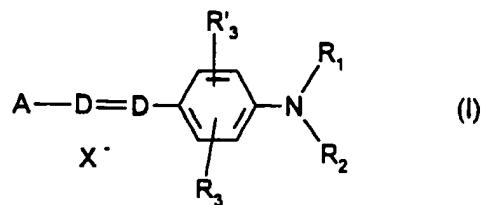
(ii)₇ - hydroxyalkylcelluloses and carboxyalkylcelluloses [wherein said at least one thickening polymer is chosen from polymers comprising at least one sugar unit]; and

- wherein said second composition comprises at least one oxidizing agent.

55. (Amended Once) A multi-compartment dyeing kit, comprising at least two separate compartments, wherein a first compartment contains a first composition and a second compartment contains a second composition,

- wherein said first composition comprises at least one cationic direct dye chosen from compounds of formulae (I), (II), (III) and (III') below:

(a) wherein said compounds of formula (I) are chosen from compounds of formula:



in which:

D is chosen from a nitrogen atom and a -CH group,

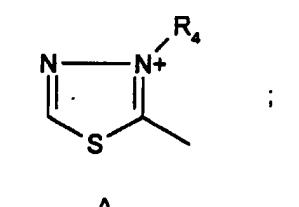
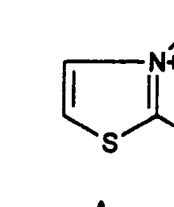
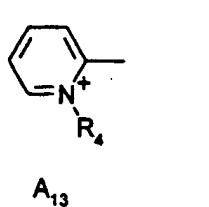
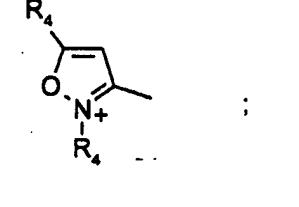
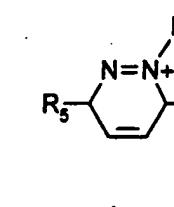
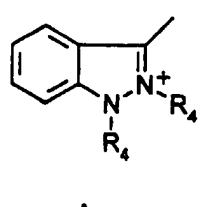
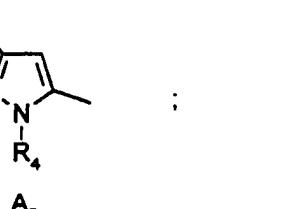
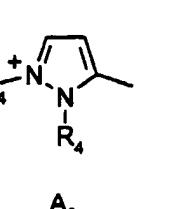
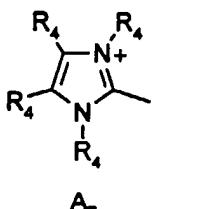
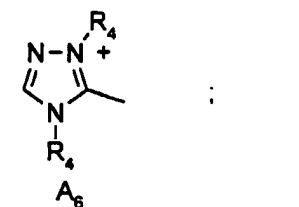
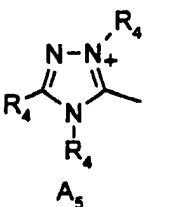
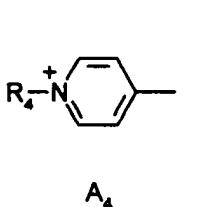
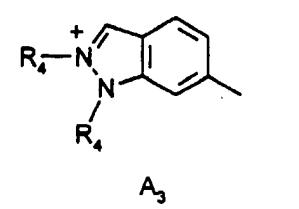
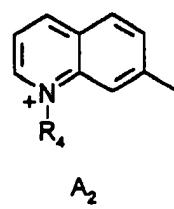
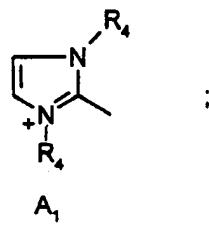
R₁ and R₂, which may be identical or different, are chosen from a hydrogen atom; a 4'-aminophenyl radical; and C₁-C₄ alkyl radicals which can optionally be substituted with a radical chosen from -CN, -OH and -NH₂ radicals; or

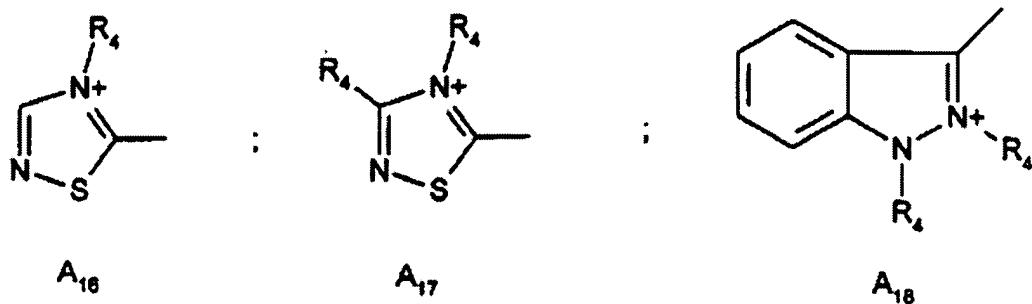
R₁ and R₂ form, with each other or with a carbon atom of the benzene ring of formula (I), a heterocycle optionally containing a heteroatom chosen from oxygen and nitrogen, which can be substituted with at least one radical chosen from C₁-C₄ alkyl radicals;

R_3 and R'_3 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, a cyano radical, C₁-C₄ alkyl radicals, C₁-C₄ alkoxy radicals and acyloxy radicals,

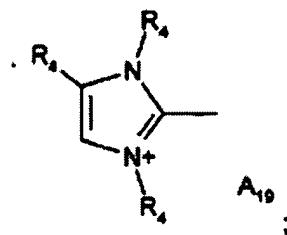
X^- is chosen from anions,

A is chosen from structures A₁ to A₁₉ below:





and



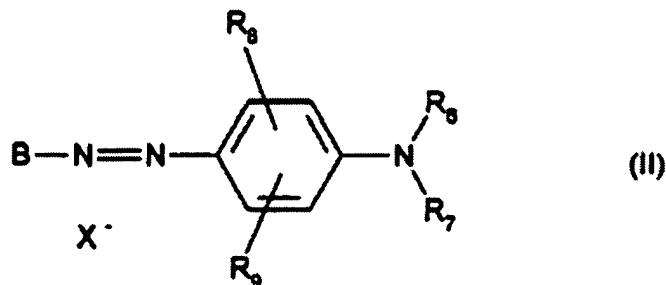
in which:

R₄ is chosen from C₁-C₄ alkyl radicals which can be substituted with a hydroxyl radical, and

R₅ is chosen from C₁-C₄ alkoxy radicals, and

wherein when D represents -CH, when A represents A₄ or A₁₃ and when R₃ is not an alkoxy radical, R₁ and R₂ are not both a hydrogen atom;

(b) wherein said compounds of formula (II) are chosen from compounds of formula:



in which:

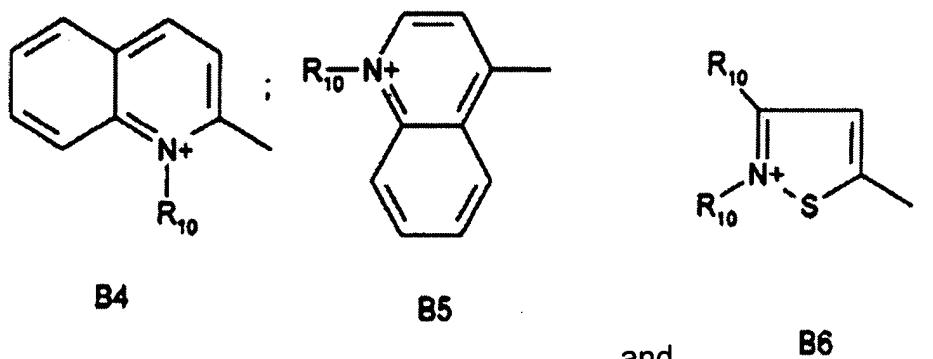
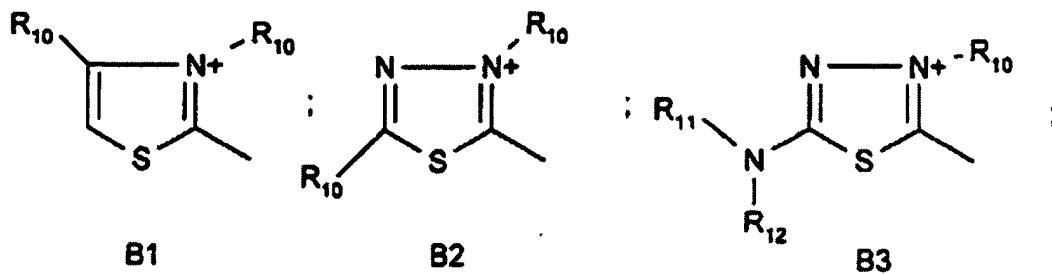
R_6 is chosen from a hydrogen atom and C_1 - C_4 alkyl radicals,

R_7 is chosen from a hydrogen atom, alkyl radicals which can be substituted with a species chosen from a -CN radical and an amino group, and a 4'-aminophenyl radical, or forms, with R_6 , a heterocycle optionally comprising at least one heteroatom chosen from oxygen and nitrogen, which can be substituted with C_1 - C_4 alkyl radicals,

R_8 and R_9 , which may be identical or different, are chosen from a hydrogen atom, halogen atoms, C_1 - C_4 alkyl radicals C_1 - C_4 alkoxy radicals and a -CN radical,

X^- is chosen from anions,

B is chosen from structures B_1 to B_6 below:

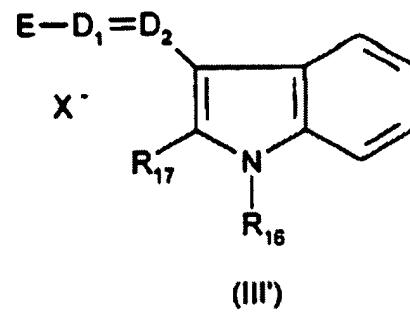
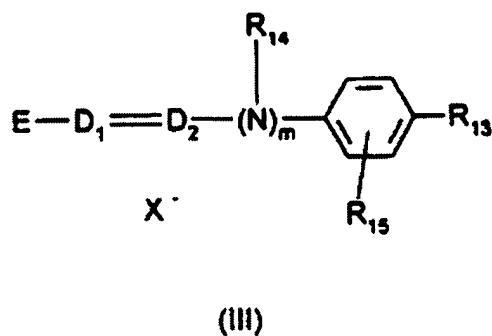


in which:

R₁₀ is chosen from C₁-C₄ alkyl radicals, and

R₁₁ and R₁₂, which may be identical or different, are chosen from a hydrogen atom and C₁-C₄ alkyl radicals;

(c) wherein said compounds of formulae (III) and (III') are chosen from compounds of formulae:



in which:

R₁₃ is chosen from a hydrogen atom, C₁-C₄ alkoxy radicals, halogen atoms and an amino radical,

R₁₄ is chosen from a hydrogen atom, C₁-C₄ alkyl radicals or forms, with a carbon atom of the benzene ring, a heterocycle optionally containing an oxygen heteroatom and/or substituted with at least one radical chosen from C₁-C₄ alkyl radicals,

R₁₅ is chosen from a hydrogen atom and halogen atoms,

R₁₆ and R₁₇, which may be identical or different, are chosen from a hydrogen atom and C₁-C₄ alkyl radicals,

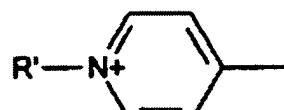
D_1 and D_2 , which may be identical or different, are chosen from a nitrogen atom and a -CH group,

m is 0 or 1,

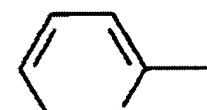
wherein when R_{13} is an unsubstituted amino group, D_1 and D_2 are both a -CH group and m is 0,

X^- is chosen from anions,

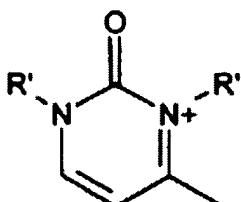
E is chosen from structures E_1 to E_8 below:



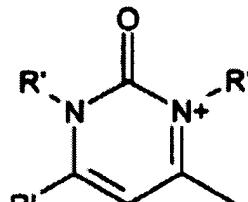
E_1



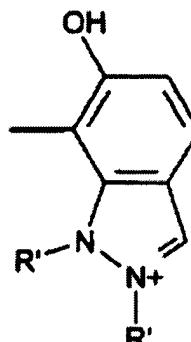
E_2



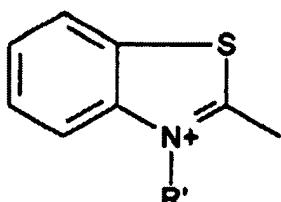
E_3



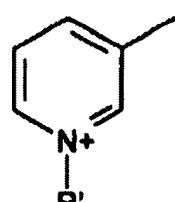
E_4



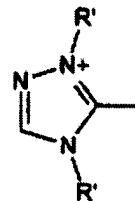
E_5



E_6



E_7

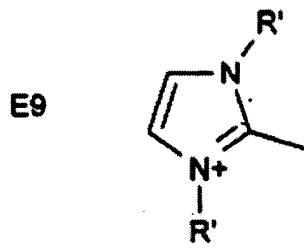


E8

and

in which R' is chosen from C₁-C₄ alkyl radicals;

wherein when m is 0 and when D₁ represents a nitrogen atom, E can be further chosen from structure E9 below:



E9

in which R' is chosen from C₁-C₄ alkyl radicals;

- wherein said second composition comprises at least one oxidizing agent and at least one thickening polymer,

- **wherein said at least one thickening polymer is chosen from:**

(ii)₁ - nonionic guar gums;

(ii)₂ - biopolysaccharide gums of microbial origin;

(ii)₃ - gums derived from plant exudates;

(ii)₄ - pectins;

(ii)₅ - alginates;

(ii)6 - starches; and

(ii)7 - hydr xyalkylcelluloses and carboxyalkylcelluloses [wherein said at least one thickening polymer is chosen from polymers comprising at least one sugar unit].